

State of California  
The Resources Agency

DEPARTMENT OF WATER RESOURCES  
Division of Operations and Maintenance

# STATE WATER PROJECT OPERATIONS DATA

For the month of:

**February  
2006**

**Arnold Schwarzenegger**  
Governor  
State of California

**Mike Chrisman**  
Secretary for Resources  
The Resources Agency

**Lester A. Snow**  
Director  
Department of Water Resource

This monthly report of operational data for the State Water Project has been published since January 1965. Monthly SWP Operations Data Reports from January 1990 have been made available on the Internet at <http://wwwoco.water.ca.gov>. It provides the State Water Service Contractors, public agencies, consultants and others with the daily and monthly status of the Project's water and power operations.

Rewvisions to these data will appear in the Annual Report of Operations reflecting corrections made after the monthly summaries have been printed.

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**LESTER A. SNOW, Director**

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The organization shown above represents staff and positions relevant to this report as of the publication date.  
It is the Department's policy to not show staff in "Acting" or "Temporary" positions.

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## MONTHLY HIGHLIGHTS

The following highlights are activities or actions that impacted State Water Project operations during the month of February 2006.

Runoff in southern watersheds was low, matching the precipitation patterns. Seasonal runoff through February, 2006, was 65 percent of average. Runoff for the month was about 110 percent of average. Estimated runoff of the eight major rivers of the Sacramento and San Joaquin River regions during February was 3.4 MAF. Statewide runoff was 160 percent of average for the water year. Statewide precipitation was 120 percent of average for the 2005-2006 water year as of February 28. Precipitation percentages are used in this report to express historical and regional comparisons. Additional and more specific information is available via the internet at: [http://cdec.water.ca.gov/snow\\_rain.html](http://cdec.water.ca.gov/snow_rain.html).

Snow pack water content did not gain much in February and stood at 85 percent of average compared to 135 percent at this time in 2005, ranging from a low of about 60 percent in the Sacramento River region to about 135 percent in the high elevation South Lahontan portion of the Sierra. The pack was 75 percent of the April 1 average, which is the normal date of maximum accumulation.

End of month total storage in major SWP reservoirs was about 4.73 MAF, compared with about 3.78 MAF at this time in 2005. End of month storage at Lake Oroville was about 3.01 MAF as compared to 2.02 MAF last year. The State's share of San Luis Reservoir storage was about 1.14 MAF, as compared with 1.1 MAF at this time last year. The combined storage in our southern reservoirs was about 576 TAF, compared with about 661 TAF at this time last year.

From February 1, through February 9, 2006, storage in Lake Oroville exceeded flood regulation rules storage by as much as 30,000 AF. When the actual storage is greater than the flood regulation rules storage, Lake Oroville is temporarily "encroached" and is providing intended flood protection by buffering the effects of heavy runoff from the Feather River basin. During encroachment, Oroville releases are governed by U.S. Army Corps of Engineers rules. Storage was within the flood regulation rules by February 10, 2006.

On February 17, Pyramid Lake Stream Release limitation was extended an additional two weeks and the flow restriction increased to 50 cfs to allow for the completion of the stream bed repair and new road construction.

Through February, SWP water deliveries for 2006 were about 661 TAF. This is a combination of project, transfer, and exchange waters. This is about 101 TAF more than that delivered during the same period in 2005.

The Coordinated Operations Agreement (COA) remained in "Excess" conditions throughout the month of February, 2006. The end-of-month USBR-COA was 0 CFS.

**Table 1. Antelope Lake**

Daily Operation

(in acre-feet except as noted)

Capacity: 22,566 ac-ft

**February 2006**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs						Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage	Total Outflow		
				Stream-flow Maint.	Water Supply Contract	Water Right					
Jan 31	5002.61	23,135									
1	5002.63	23,153	18	20	0	0	66	1	87	96	
2	5002.63	23,153	0	20	0	0	66	1	87	87	
3	5002.81	23,324	171	20	0	0	98	1	119	205	
4	5002.88	23,390	66	20	0	0	112	1	133	166	
5	5002.85	23,361	-29	20	0	0	106	1	127	112	
6	5002.85	23,361	0	20	0	0	106	1	127	127	
7	5002.78	23,295	-66	20	0	0	93	1	114	81	
8	5002.75	23,267	-28	20	0	0	87	1	108	94	
9	5002.73	23,248	-19	20	0	0	83	1	104	94	
10	5002.71	23,229	-19	20	0	0	80	1	101	91	
11	5002.70	23,219	-10	20	0	0	78	1	99	94	
12	5002.69	23,210	-9	20	0	0	76	1	97	92	
13	5002.68	23,201	-9	20	0	0	74	1	95	90	
14	5002.69	23,210	9	20	0	0	76	1	97	102	
15	5002.67	23,191	-19	20	0	0	73	1	94	84	
16	5002.65	23,172	-19	20	0	0	69	1	90	80	
17	5002.64	23,163	-9	20	0	0	67	1	88	83	
18	5002.66	23,182	19	20	0	0	71	1	92	102	
19	5002.63	23,153	-29	20	0	0	66	2	88	73	
20	5002.62	23,144	-9	20	0	0	64	2	86	81	
21	5002.61	23,135	-9	20	0	0	62	2	84	79	
22	5002.60	23,125	-10	20	0	0	61	2	83	78	
23	5002.60	23,125	0	20	0	0	61	2	83	83	
24	5002.58	23,106	-19	20	0	0	58	2	80	70	
25	5002.58	23,106	0	20	0	0	58	2	80	80	
26	5002.62	23,144	38	20	0	0	64	2	86	105	
27	5003.38	23,867	723	20	0	0	252	2	274	639	
28	5003.81	24,281	414	20	0	0	435	2	457	666	
Total cfs-days				---	560	0	0	2,662	38	3,260	3,838
Total ac-ft				1,146	1,111	0	0	5,280	76	6,467	7,613

**Table 2. Frenchman Lake**

Daily Operation  
(in acre-feet except as noted)

Capacity: 55,477 ac-ft

**February 2006**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs						Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage	Total Outflow		
				Stream-flow Maint.	1/ Water Supply Contract	Water Right					
Jan 31	5573.62	35,537									
1	5573.73	35,669	132	2	0	0	0	1	3	70	
2	5573.73	35,717	48	2	0	0	0	1	3	27	
3	5573.96	35,946	229	2	0	0	0	1	3	118	
4	5574.17	36,200	254	2	0	0	0	1	3	131	
5	5574.29	36,346	146	2	0	0	0	1	3	77	
6	5574.30	36,358	12	2	0	0	0	1	3	9	
7	5574.30	36,358	0	2	0	0	0	1	3	3	
8	5574.30	36,358	0	2	0	0	0	1	3	3	
9	5574.68	36,822	464	2	0	0	0	1	3	237	
10	5574.74	36,896	74	2	0	0	0	1	3	40	
11	5574.85	37,031	135	2	0	0	0	1	3	71	
12	5574.93	37,130	99	2	0	0	0	1	3	53	
13	5575.02	37,241	111	2	0	0	0	2	4	60	
14	5575.14	37,389	148	2	0	0	0	2	4	79	
15	5575.15	37,401	12	2	0	0	0	2	4	10	
16	5575.23	37,501	100	2	0	0	0	2	4	54	
17	5575.36	37,662	161	2	0	0	0	2	4	85	
18	5575.44	37,762	100	2	0	0	0	2	4	54	
19	5575.50	37,836	74	2	0	0	0	2	4	41	
20	5575.54	37,886	50	2	0	0	0	2	4	29	
21	5575.62	37,986	100	2	0	0	0	2	4	54	
22	5575.67	38,049	63	2	0	0	0	2	4	36	
23	5575.72	38,112	63	2	0	0	0	2	4	36	
24	5575.77	38,174	62	2	0	0	0	2	4	35	
25	5575.83	38,250	76	2	0	0	0	2	4	42	
26	5575.94	38,388	138	2	0	0	0	2	4	74	
27	5576.65	39,288	900	2	0	0	0	2	4	458	
28	5577.75	40,709	1,421	2	0	0	0	2	4	720	
Total cfs-days				---	56	0	0	44	100	2,708	
Total ac-ft				5,172	111	0	0	88	199	5,371	

1/ Last Chance Creek Water District

**Table 3. Lake Davis**

Daily Operation  
(in acre-feet except as noted)

Capacity: 84,371 ac-ft

**February 2006**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs						Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage	Total Outflow		
				Stream-flow Maint.	Water Supply Contract	Water Right 1/					
Jan 31	5765.62	51,154									
1	5765.58	51,032	-122	181	0	0	0	4	185	123	
2	5765.58	51,032	0	67	0	0	0	4	71	71	
3	5765.71	51,428	396	10	0	0	0	4	14	214	
4	5765.83	51,795	367	10	0	0	0	4	14	199	
5	5765.89	51,979	184	10	0	0	0	4	14	107	
6	5765.92	52,072	93	10	0	0	0	4	14	61	
7	5765.95	52,164	92	10	0	0	0	4	14	60	
8	5765.98	52,256	92	10	0	0	0	4	14	60	
9	5765.99	52,287	31	10	0	0	0	4	14	30	
10	5766.02	52,380	93	10	0	0	0	4	14	61	
11	5766.05	52,472	92	10	0	0	0	4	14	60	
12	5766.06	52,503	31	10	0	0	0	4	14	30	
13	5766.10	52,627	124	10	0	0	0	4	14	77	
14	5766.16	52,813	186	10	0	0	0	4	14	108	
15	5766.17	52,844	31	10	0	0	0	4	14	30	
16	5766.17	52,844	0	10	0	0	0	4	14	14	
17	5766.17	52,844	0	10	0	0	0	4	14	14	
18	5766.20	52,937	93	10	0	0	0	4	14	61	
19	5766.21	52,968	31	10	0	0	0	4	14	30	
20	5766.22	52,999	31	10	0	0	0	4	14	30	
21	5766.22	52,999	0	10	0	0	0	4	14	14	
22	5766.24	53,062	63	10	0	0	0	4	14	46	
23	5766.24	53,062	0	10	0	0	0	4	14	14	
24	5766.25	53,093	31	10	0	0	0	4	14	30	
25	5766.25	53,093	0	10	0	0	0	4	14	14	
26	5766.29	53,217	124	10	0	0	0	4	14	77	
27	5766.96	55,330	2,113	10	0	0	0	4	14	1,079	
28	5767.40	56,744	1,414	10	0	0	0	3	13	726	
Total cfs-days				---	508	0	0	111	619	3,437	
Total ac-ft				5,590	1,008	0	0	220	1,228	6,818	

1/ Includes unclassified non-project diversions to local agencies (Valberti and Romelli)

**Table 4. Lake Oroville**

Daily Operation

(in acre-feet except as noted)

Capacity: 3,537,580 ac-ft

**February 2006**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow						Inflow	
				Hyatt Powerplant Generation 1/	Palermo Canal 2/	Deliveries to Lime Saddle Marina	Evaporation 3/	Spill	Total Outflow	Hyatt Powerplant Pumpback	Computed Inflow 4/
Jan 31	848.65	2,790,281									
1	848.69	2,790,815	534	25,993	0	0	30	0	26,023	0	26,557
2	849.46	2,801,111	10,296	27,161	0	0	0	0	27,161	0	37,457
3	849.74	2,804,862	3,751	26,684	0	0	38	0	26,722	0	30,473
4	850.28	2,812,105	7,243	27,240	0	0	38	0	27,278	0	34,521
5	850.54	2,815,597	3,492	27,417	0	0	30	0	27,447	0	30,939
6	850.54	2,815,597	0	27,733	0	0	53	0	27,786	0	27,786
7	850.70	2,817,748	2,151	22,944	0	0	69	0	23,013	0	25,164
8	850.75	2,818,420	672	22,923	0	0	76	0	22,999	0	23,671
9	850.82	2,819,361	941	21,447	0	0	69	0	21,516	0	22,457
10	850.71	2,817,882	-1,479	22,656	0	0	69	0	22,725	0	21,246
11	850.65	2,817,075	-807	19,266	0	0	84	0	19,350	0	18,543
12	850.89	2,820,303	3,228	13,277	0	0	99	0	13,376	0	16,604
13	851.05	2,822,456	2,153	14,079	0	0	92	0	14,171	0	16,324
14	851.68	2,830,945	8,489	6,758	0	0	107	0	6,865	0	15,354
15	852.13	2,837,020	6,075	7,093	0	0	99	0	7,192	0	13,267
16	852.20	2,837,965	945	13,340	0	0	99	0	13,439	0	14,384
17	852.85	2,846,758	8,793	7,684	0	0	61	0	7,745	0	16,538
18	853.54	2,856,113	9,355	4,908	0	0	0	0	4,908	0	14,263
19	854.13	2,864,128	8,015	4,096	0	0	15	0	4,111	0	12,126
20	854.55	2,869,844	5,716	9,332	0	0	78	0	9,410	0	15,126
21	855.04	2,876,523	6,679	6,112	0	0	54	0	6,166	0	12,845
22	855.56	2,883,622	7,099	5,500	0	0	115	0	5,615	0	12,714
23	856.18	2,892,104	8,482	4,122	0	0	108	0	4,230	0	12,712
24	856.56	2,897,310	5,206	7,661	0	0	108	0	7,769	0	12,975
25	856.79	2,900,464	3,154	6,936	0	0	93	0	7,029	0	10,183
26	857.33	2,907,880	7,416	7,013	0	0	77	0	7,090	0	14,506
27	860.53	2,952,101	44,221	13,336	0	0	117	0	13,453	0	57,674
28	864.52	3,007,901	55,800	18,764	0	0	63	30,888	49,715	0	105,515
Total				217,620	421,475	0	0	1,941	30,888	454,304	0
671,924											

1/ Includes bypass flows

2/ South Feather Water and Power Agency

3/ Evaporation will be zero for days when there is precipitation or heavy overcast.

4/ Does not include pumpback.

**Table 5. Thermalito Forebay  
Including Diversion Pool and Power Canal**

Capacity: 25,120 ac-ft

Daily Operation  
(in acre-feet except as noted)

**February 2006**

Date	Storage 1/	Storage Change	Inflow			Outflow					Losses (-) And Gains (+)
			Lake Oroville Releases 2/	Kelly Ridge Generation	Thermalito Pumping- Generating Plant Pumpback	Thermalito Pumping- Generating Plant Generation 3/	Butte County 4/	Thermalito Irrigation District	Releases To River 5/	Hyatt Powerplant Pumpback	
Jan 31	23,770										
1	23,818	48	25,993	511	0	25,160	1	0	1,332	0	37
2	23,706	-112	27,161	505	0	26,562	1	0	1,330	0	115
3	23,702	-4	26,684	503	0	25,908	1	0	1,362	0	80
4	24,203	501	27,240	511	0	25,900	1	0	1,350	0	1
5	23,415	-788	27,417	511	0	26,931	1	0	1,356	0	-428
6	23,708	293	27,733	511	0	25,773	1	0	1,350	0	-827
7	22,901	-807	22,944	511	0	22,154	1	0	1,330	0	-777
8	23,613	712	22,923	512	0	20,654	1	0	1,337	0	-731
9	23,260	-353	21,447	512	0	20,082	1	0	1,368	0	-861
10	24,100	840	22,656	511	0	20,129	1	0	1,368	0	-829
11	23,929	-171	19,266	510	0	18,546	1	0	1,281	0	-119
12	23,756	-173	13,277	511	0	12,468	1	0	1,325	0	-167
13	23,888	132	14,079	511	0	12,782	1	0	1,351	0	-324
14	24,145	257	6,758	511	0	5,362	1	0	1,363	0	-286
15	24,047	-98	7,093	511	0	5,940	1	0	1,353	0	-408
16	23,813	-234	13,340	511	0	12,634	1	0	1,353	0	-97
17	23,947	134	7,684	511	0	6,446	1	0	1,363	0	-251
18	23,974	27	4,908	511	0	3,900	1	0	1,359	0	-132
19	24,071	97	4,096	511	0	3,062	1	0	1,355	0	-92
20	23,849	-222	9,332	511	0	8,452	1	0	1,368	0	-244
21	23,896	47	6,112	511	0	5,197	1	0	1,359	0	-19
22	23,356	-540	5,500	511	0	4,944	2	0	1,364	0	-241
23	23,620	264	4,122	511	0	2,836	2	0	1,363	0	-168
24	23,970	350	7,661	511	0	6,196	2	0	1,366	0	-258
25	23,992	22	6,936	512	0	5,842	2	0	1,374	0	-208
26	23,931	-61	7,013	510	0	6,186	2	0	1,378	0	-18
27	24,328	397	13,336	510	0	13,316	2	0	1,380	0	1,249
28	23,361	-967	49,652	506	0	26,764	2	0	22,441	0	-1,918
Total		-409	452,363	14,289	0	400,126	35	0	58,979	0	-7,921

1/ Sum of Thermalito Forebay and Diversion Pool.

4/ Includes 0 AF of entitlement water to Del Oro WD and 35 AF to Cal Water.

2/ Sum of releases from Lake Oroville through Hyatt plant, and spill.

5/ The sum of the flows from fish barrier dam and the fish hatchery.

3/ Includes Bypass flows at Thermalito.

**Table 6. Thermalito Afterbay**

Daily Operation

(in acre-feet except as noted)

Capacity: 57,040 ac-ft

**February 2006**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow					Losses (-) and Gains (+)	Total Releases to River 2/
				Thermalito Pumping-Generating Plant Generation 1/	Sutter Butte Canal	Western Canal Lateral	Richvale Canal	Western Canal	Afterbay River Outlet	Thermalito Pumping-Generating Plant Pumpback		
Jan 31	128.40	27,042										
1	128.06	26,011	-1,031	25,160	0	0	0	0	26,777	0	586	28,109
2	128.07	26,041	30	26,562	0	0	0	0	26,777	0	245	28,107
3	127.92	25,592	-449	25,908	0	0	0	0	26,777	0	420	28,139
4	127.75	25,087	-505	25,900	0	0	0	0	26,777	0	372	28,127
5	127.74	25,057	-30	26,931	0	0	0	0	26,777	0	-184	28,133
6	127.51	24,383	-674	25,773	0	0	0	0	26,777	0	330	28,127
7	127.38	24,005	-378	22,154	0	0	0	0	22,810	0	278	24,140
8	126.88	22,579	-1,426	20,654	0	0	0	0	22,215	0	135	23,552
9	126.73	22,160	-419	20,082	0	0	0	0	20,628	0	127	21,996
10	127.33	23,861	1,701	20,129	0	0	0	0	18,228	0	-200	19,596
11	129.36	30,058	6,197	18,546	0	0	0	0	12,258	0	-91	13,539
12	130.73	34,621	4,563	12,468	0	0	0	0	7,795	0	-110	9,120
13	132.59	41,297	6,676	12,782	0	0	0	0	6,268	0	162	7,619
14	132.46	40,812	-485	5,362	0	0	0	0	5,752	0	-95	7,115
15	132.59	41,297	485	5,940	0	0	0	0	5,772	0	317	7,125
16	134.36	48,150	6,853	12,634	0	0	0	0	5,772	0	-9	7,125
17	134.54	48,872	722	6,446	0	0	0	0	5,772	0	48	7,135
18	134.09	47,076	-1,796	3,900	0	0	0	0	5,772	0	76	7,131
19	133.39	44,336	-2,740	3,062	0	0	0	0	5,772	0	-30	7,127
20	134.32	47,990	3,654	8,452	0	0	0	0	4,760	0	-38	6,128
21	134.61	49,154	1,164	5,197	0	0	0	0	3,749	0	-284	5,108
22	134.70	49,518	364	4,944	0	0	0	0	4,542	0	-38	5,906
23	133.21	43,644	-5,874	2,836	0	0	0	0	8,747	0	37	10,110
24	132.58	41,260	-2,384	6,196	0	0	0	0	8,767	0	187	10,133
25	131.81	38,430	-2,830	5,842	0	0	0	0	8,747	0	75	10,121
26	130.87	35,104	-3,326	6,186	0	0	0	0	10,037	0	525	11,415
27	129.34	29,993	-5,111	13,316	0	0	0	0	19,815	0	1,388	21,195
28	127.48	24,295	-5,698	26,764	0	0	0	0	33,918	0	1,456	56,359
Total		-2,747		400,126	0	0	0	0	408,558	0	5,685	467,537

1/ Includes Bypass flows at Thermalito.

2/ The sum of the flows from the fish barrier dam, fish hatchery, and afterbay river outlet.

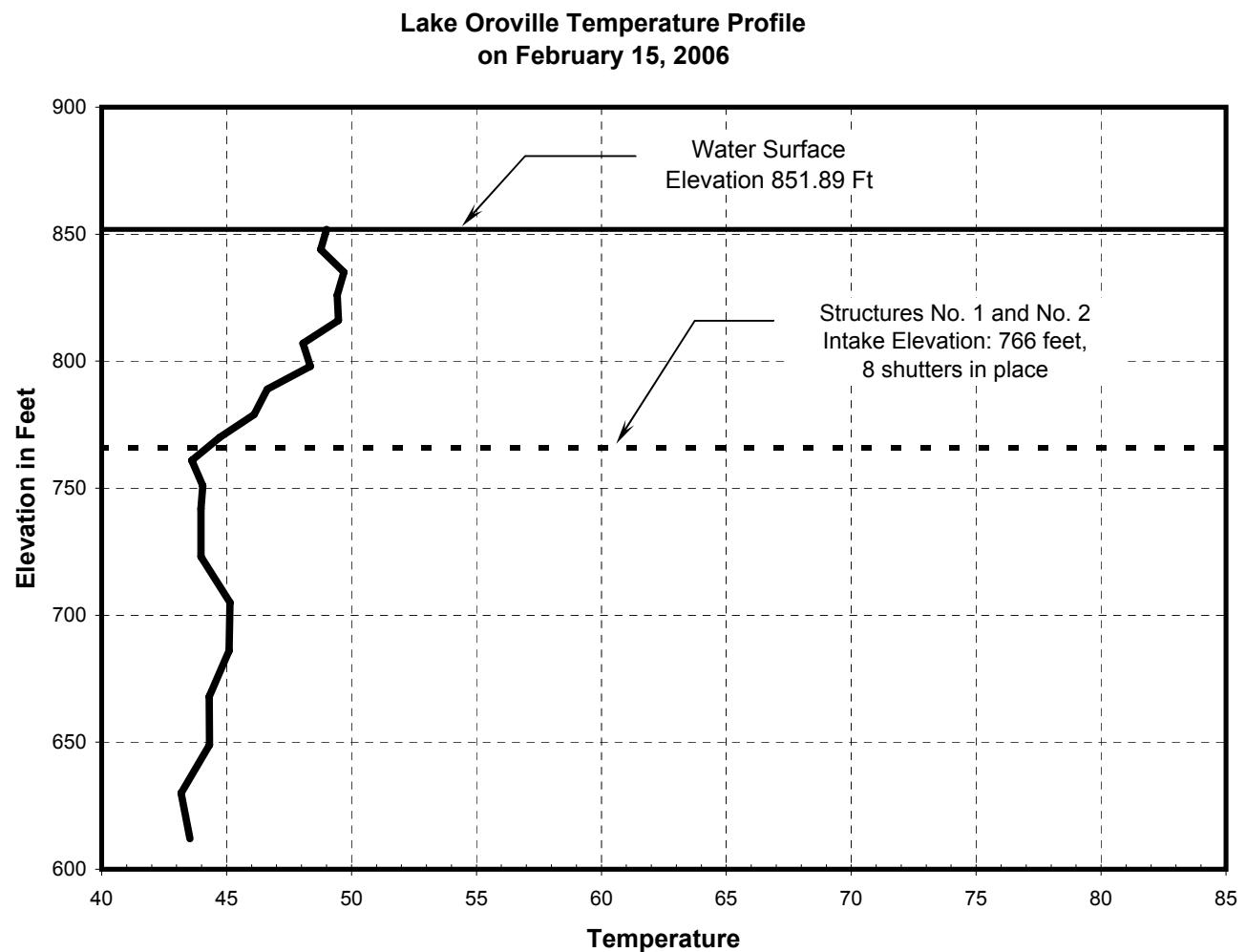
**Table 7. Oroville-Thermalito Complex**

Water Temperature Data

(in degrees Fahrenheit)

**February 2006**

Date	Mean Daily Temperature	
	Thermalito Afterbay Outlet	Fish Hatchery
1	46	46
2	47	46
3	47	46
4	48	46
5	46	46
6	46	46
7	47	46
8	47	46
9	47	46
10	48	46
11	48	46
12	48	46
13	49	46
14	49	46
15	48	46
16	48	46
17	47	46
18	47	45
19	47	45
20	47	45
21	47	45
22	47	46
23	47	46
24	48	46
25	49	46
26	49	46
27	49	46
28	49	45



Note: Water surface elevations on Table 4 are taken at Oroville Dam at midnight and may differ slightly from those shown on this table which are normally taken at mid-day and upstream from Oroville Dam.

**Table 8. North Bay Aqueduct**  
Delta Field Division, Monthly Deliveries

(In acre-feet)

**February 2006**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries				
	Beginning and Ending		Structure			Table A		Permit	Article 21	
	No.		Mile	M & I		Benicia				
1	1	Barker Slough Pumping Plant	0.17	(Into the North Bay Aqueduct)	557	63	312	4	178	
		Travis Surge Tank	8.78							
			8.80	Solano County Water Agency Travis AFB	0					
			10.54	Solano County Water Agency Fairfield / Vacaville 24"	0					
				Solano County Water Agency Fairfield / Vacaville 42"	0					
			17.00	Solano County Water Agency Central Solano	Stub					
2	3A	Cordelia Forebay	21.23			63	312	4	178	
		Cordelia Pumping Plant & Cordelia Spillway	21.30		557					
3B	2	Napa Pipeline	21.33	Solano County Water Agency Vallejo	0	4	178	4	178	
				Solano County Water Agency Benicia	375					
		Cordelia Surge Tank	23.33							
		Creston Surge Tank Connection	25.65							
			26.95	Napa County Flood Control & WCD American Canyon 2	0					
			27.27	Napa County Flood Control & WCD American Canyon 3	0					
		Napa Terminal Tank	27.58	City of Napa	0					
			27.60	Napa County Flood Control & WCD American Canyon 1	182					

**Table 9. Delta Field Division Plant Data**

(in acre-feet)

**February 2006**

Date	North Bay Aqueduct		California Aqueduct		South Bay Aqueduct			
	Barker Slough Pumping Plant	Cordelia Pumping Plant	Banks Pumping Plant		South Bay Pumping Plant	Del Valle Pumping Plant		
			Total	SWP		Into Lake	Into Aqueduct	Gravity Flow Through Plant Into Aqueduct
1	21	20	5,222	5,222	120	0	0	33
2	22	21	8,469	8,469	126	0	0	45
3	20	20	7,861	7,861	135	0	0	0
4	18	22	7,917	7,917	151	0	0	0
5	15	18	9,221	9,221	148	0	0	0
6	25	21	8,429	8,429	107	0	0	42
7	17	20	6,147	6,147	90	0	0	0
8	22	19	8,356	8,356	90	0	0	33
9	21	22	8,356	8,356	90	0	0	67
10	21	21	9,275	9,275	174	0	0	71
11	16	20	9,273	9,273	210	0	0	57
12	24	20	9,403	9,403	210	0	0	62
13	16	18	7,901	7,901	210	0	0	73
14	18	21	8,959	8,959	206	0	0	56
15	22	22	10,645	10,645	205	0	0	55
16	20	21	14,293	14,293	212	0	0	55
17	18	18	11,905	11,905	238	0	0	30
18	25	24	11,874	11,874	249	0	0	0
19	20	20	11,874	11,874	255	0	0	0
20	20	15	11,865	11,865	254	0	0	0
21	13	18	11,958	11,958	241	0	0	0
22	15	15	12,640	12,640	229	0	0	0
23	28	22	10,959	10,959	271	0	0	0
24	22	20	11,968	11,968	220	0	0	0
25	19	21	11,958	11,958	210	0	0	0
26	19	21	11,499	11,499	220	0	0	0
27	21	19	7,779	7,779	211	0	0	0
28	19	18	2,405	2,405	177	0	0	0
Total	557	557	268,411	268,411	5,259	0	0	679

**Table 10. Clifton Court Forebay**

Daily Operation of Gates

**February 2006**

Date	Time								Amount of inflow in Acre-Feet
	Opened	Closed	Opened	Closed	Opened	Closed	Opened	Closed	
1	0:01	2:00	5:00	8:07	16:00	18:30			5,933
2	0:01	2:45	5:45	12:20					7,522
3	0:01	3:30	6:30	12:10					8,119
4	0:01	8:15	11:30	17:45	20:45	23:25			9,511
5	0:01	9:15	12:15	19:00	22:00	---			8,402
6	---	10:15	19:00	20:15	23:15	---			8,489
7	---	9:12							6,338
8	0:30	9:00	19:42	22:15					7,925
9	1:15	12:25							8,873
10	2:00	14:45							8,909
11	2:30	13:30							8,907
12	3:15	15:00							8,907
13	3:30	16:30							7,923
14	4:00	17:15							8,916
15	4:00	17:15							11,894
16	0:01	2:00	5:00	18:30	20:45	---			11,898
17	---	2:30	5:30	19:00					11,884
18	0:01	7:00	10:00	15:45	20:00	---			11,895
19	---	7:15	10:30	16:45	19:45	---			11,896
20	---	8:00	11:15	18:00	22:50	---			11,886
21	---	8:45	12:00	19:00	22:00	---			11,894
22	---	10:00	13:00	19:40					12,876
23	0:01	11:30	11:45	19:30					11,884
24	0:15	13:00	15:30	18:45					11,882
25	1:15	14:00	16:15	18:25					11,894
26	2:00	14:45	17:15	21:00					11,886
27	2:30	15:30							8,920
28	3:15	16:30	23:30	---					4,951
Total inflow for the month in AF:									272,214

**Table 11. Governor Edmund G. Brown California Aqueduct**  
 Delta Field Division, Monthly Deliveries

(In acre-feet)

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries					February 2006		
	Beginning and Ending				Table A	USBR	Local	Loan Water	Local Other			
	No.	Structure	Mile									
1	1		1.83	Byron Bethany Irrigation District	102					102		
		Banks Pumping Plant	3.32		268,411							
		South Bay Pumping Plant	4.49	Bethany Reservoir (Into the South Bay Aquaduct)	5,259							
		Check No. 1	5.95									
			8.08	Alameda Co. Zone 7 WA Mountain House Golf Course	0							
	2	Check No. 2	12.01									
			12.47	Musco Olive	28		28					
	3	Check No. 3	18.29									
			22.16	Tracy Golf & Country Club	0							
	4	Check No. 4	23.99									
		Check No. 5	29.73									
2A	5	Check No. 6	34.24									
			35.22	Turlock Fruit Company Inflow	0							
	7	Check No. 7	39.91									
			42.46	Oak Flat Water District-A	1	1						
	8		42.9	Western Hills WD	32	32						
			43.81	Oak Flat Water District-B	0							
			44.64	Oak Flat Water District-C	39	39						
		Check No. 8	45.97									
	9		46.18	Oak Flat Water District-D	73	73						
				Oak Flat Totals:	113	113	0	0	0	0		
2B	Check No. 9	51.3										
	Check No. 10	56.86										
	Check No. 11	61.4										
		66.14	Veteran's Cemetery	1			1					
	Check No. 12	66.71			248,372							

**Table 12. South Bay Aqueduct**  
Delta Field Division, Monthly Deliveries

(In acre-feet)

**February 2006**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending		Structure			Table A	Article 21	Purchase Pool B	Local	Recreation		
	No.	Structure	Mile									
1	1	South Bay Pumping Plant	0.00	(into South Bay Aqueduct)	5,259	1	19					
			3.17	Granite - Vasco Rd. (Temp.)	0							
			3.18	Oakland Scavenger Zone 7	1							
	2	Check No. 1	3.91									
		Check No. 2	5.21									
	3		7.21	Zone 7 Water Agency Altamont	0							
2		Check No. 3	9.49	Zone 7 Water Agency Patterson								
				Inflow Exchange Project Water	0							
					19							
4	4	Check No. 4	10.68			299						
	5	Check No. 5	12.29									
	6		13.55	Zone 7 Water Agency Wente #1	0							
			14.16	Zone 7 Water Agency Wente #2	0							
			14.31	Zone 7 Water Agency Ising	0							
		Check No. 6	14.65									
	7		14.78	Zone 7 Water Agency Arroyo Mocho Project Water	299							
		Check No. 7	16.38									
	8	Del Valle Branch Pipeline Junction	16.57	Zone 7 Water Agency Wente #3	0		197	197	8			
			16.63	Zone 7 Water Agency Wente #4	0							
			16.69	Zone 7 Water Agency Norman Nursery	0							
			16.70	Zone 7 Water Agency Concannon Project Water	0							
				Pumped into Lake Del Valle	0							
				Pumped into South Bay Aqueduct	0							
				Gravity into South Bay Aqueduct	679							
		Deliveries through Del Valle Branch Pipeline		Zone 7 Water Agency Arroyo Valle #1 & #2								
5				Storage Exchange	0							
				Project Water	0							
				Storage Released	0							
				Inflow Exchange	197							
				East Bay Regional Park Dist.								
6			19.20	Del Valle Recreation	8							
			19.21	Zone 7 Water Agency Wente #5	15							
7		La Costa Tunnel	22.50	Zone 7 Water Agency So. Livermore Project		1,494						
			25.97	Project Water								
8				Storage Exchange	0							
				Zone 7 Water Agency Kalthrof Detjens	0							
9		Mission Tunnel	28.97	ACWD		584						
				Vallecitos Project Water	0							
				City of San Francisco								
				San Antonio	0							
				ACWD - Bayside 1 & 2								
				Project Water								
				Storage Released	0							
				Storage Exchange	0							
		Santa Clara Pipeline	35.86	S.C.V.W.D. Meter								
					3,319							

**Table 13. Lake Del Valle**

Daily Operation

Capacity: 77,106 ac-ft

**February 2006**

Date	Water Surface Elevation (feet)	Storage	Storage Change	Inflow		Outflow					Precipitation (inches)
				Natural 1/	From South Bay Aqueduct	Arroyo Valle	South Bay Aqueduct 2/	Recreation Deliveries 3/	Evaporation	Total Outflow	
Jan 31	695.37	34,741									
1	695.40	34,760	19	54	0	0	33	0	2	35	0.01
2	695.38	34,747	-13	33	0	0	45	0	1	46	0.04
3	695.44	34,786	39	43	0	0	0	1	3	4	0.00
4	695.49	34,818	32	32	0	0	0	0	0	0	0.02
5	695.53	34,844	26	28	0	0	0	0	2	2	0.00
6	695.51	34,831	-13	35	0	0	42	1	5	48	0.00
7	695.46	34,799	-32	-28	0	0	0	0	4	4	0.00
8	695.44	34,786	-13	25	0	0	33	1	4	38	0.00
9	695.34	34,721	-65	6	0	0	67	0	4	71	0.00
10	695.28	34,683	-38	36	0	0	71	0	3	74	0.00
11	695.24	34,657	-26	37	0	0	57	1	5	63	0.00
12	695.18	34,618	-39	26	0	0	62	0	3	65	0.00
13	695.14	34,592	-26	50	0	0	73	0	3	76	0.00
14	695.11	34,573	-19	43	0	0	56	1	5	62	0.00
15	695.03	34,521	-52	8	0	0	55	0	5	60	0.00
16	694.98	34,489	-32	26	0	0	55	0	3	58	0.00
17	694.99	34,496	7	40	0	0	30	1	2	33	0.00
18	695.02	34,515	19	20	0	0	0	0	1	1	0.41
19	695.05	34,534	19	21	0	0	0	0	2	2	0.02
20	695.06	34,541	7	10	0	0	0	1	2	3	0.00
21	695.10	34,567	26	30	0	0	0	0	4	4	0.00
22	695.11	34,573	6	10	0	0	0	0	4	4	0.00
23	695.12	34,579	6	10	0	0	0	0	4	4	0.00
24	695.16	34,605	26	31	0	0	0	0	5	5	0.00
25	695.16	34,605	0	6	0	0	0	1	5	6	0.00
26	695.19	34,625	20	24	0	0	0	0	4	4	0.00
27	695.32	34,708	83	84	0	0	0	0	1	1	0.23
28	696.99	35,802	1,094	1,098	0	0	0	0	4	4	1.00
Total				1,061	1,838	0	0	679	8	90	777
											1.73

1/ Total inflow from stream gaging station above Lang Canyon and accretions/depletions.

2/ Project water released to South Bay Aqueduct through Del Valle Pumping Plant.

3/ To East Bay Regional Park District.

NR=No Records

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**Table 14. Consolidated State-Federal O'Neill Forebay**

Daily Operations

**February 2006**

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

State of California

The Resources Agency

Department of Water Resources

State Water Project

Capacity 56,430 ac-ft

Date	Water Surface Elevation (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)				Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)
				Pump In 1/	O'Neill Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	California Aqueduct	O'Neill Pumping Generating Plant (Generated)	Gianelli Pumping Generating Plant (Pumped)	Dos Amigos Pumping Plant	Deliveries 2/	
Jan 31	218.39	39,045										
1	218.23	38,645	-400	0	2,672	0	2,698	0	0	5,516	14	-42
2	218.49	39,297	652	0	2,543	0	4,016	0	0	5,996	12	-222
3	218.76	39,976	679	0	2,680	0	3,950	0	0	6,109	12	-167
4	218.92	40,381	405	0	2,709	0	3,790	0	0	6,158	12	-125
5	218.99	40,559	178	0	2,723	0	3,887	0	0	6,687	12	179
6	219.61	42,145	1,586	0	2,697	0	4,496	0	0	6,190	12	-191
7	218.86	40,229	-1,916	0	2,740	0	2,592	0	0	6,167	12	-119
8	219.04	40,686	457	0	2,391	0	4,257	0	0	6,227	15	-176
9	219.14	40,940	254	0	2,123	0	3,830	0	0	5,918	12	105
10	219.41	41,631	691	0	1,990	0	3,821	0	0	6,072	12	621
11	219.48	41,810	179	0	1,985	0	3,433	0	0	6,114	12	798
12	218.62	39,624	-2,186	0	1,956	0	4,065	0	0	7,563	12	452
13	218.76	39,976	352	0	1,784	0	3,784	0	0	5,245	12	-134
14	218.56	39,473	-503	0	1,608	0	3,380	0	0	6,168	12	938
15	218.56	39,473	0	0	1,438	0	4,296	0	0	6,243	14	523
16	219.13	40,915	1,442	0	1,407	0	6,684	0	0	7,401	21	58
17	219.19	41,068	153	0	1,613	0	5,785	0	0	7,223	21	-77
18	219.58	42,067	999	0	1,731	0	5,897	0	0	6,985	21	-118
19	219.66	42,273	206	0	1,715	0	5,591	0	0	7,141	21	-40
20	220.29	43,905	1,632	0	1,611	0	5,464	0	0	6,284	21	53
21	220.77	45,158	1,253	0	1,583	0	5,782	0	0	6,669	21	-43
22	221.39	46,784	1,626	0	1,667	0	5,595	0	0	6,536	26	120
23	221.76	47,756	972	0	1,570	0	5,701	0	0	6,664	19	-98
24	222.55	49,847	2,091	0	1,708	604	5,535	0	0	6,589	19	-185
25	222.84	50,619	772	0	1,910	0	5,563	0	0	6,860	19	-205
26	223.24	51,687	1,068	0	2,302	0	6,129	0	0	7,713	19	-161
27	223.62	52,705	1,018	0	2,835	0	3,440	0	0	5,713	19	-30
28	223.42	52,169	-536	0	2,977	0	1,762	0	0	4,843	19	-147
Total			13,124	0	58,668	604	125,223	0	0	178,994	453	1,567
Mean cfs			---	0	2,095	22	4,472	0	0	6,393	16	56
Acre-feet			13,124	0	116,367	1,199	248,372	0	0	355,031	898	3,115

1/ Pump-in located at Mile 79.67R.

2/ Includes 118 AF delivered to DFG at O'Neill Forebay, 1 AF to the Cattle Program, and 779 AF to San Luis Water District.

**Table 15. Consolidated State-Federal San Luis Reservoir**

Daily Operations

**February 2006**

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity: 2,027,835 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)		Outflow (cfs)			Computed Losses (-) Gains (+) (cfs)
				Gianelli Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	Pacheco Tunnel 1/	Parks and Rec. Del.		
Jan 31	543.19	2,030,250							
1	543.19	2,030,250	0	0	0	130	0	130	
2	543.17	2,029,996	-254	0	0	133	0	5	
3	543.16	2,029,869	-127	0	0	130	0	66	
4	543.11	2,029,233	-636	0	0	132	0	-189	
5	543.10	2,029,106	-127	0	0	136	0	72	
6	543.00	2,027,835	-1,271	0	0	140	0	-501	
7	543.00	2,027,835	0	0	0	142	0	142	
8	543.00	2,027,835	0	0	0	147	0	147	
9	543.00	2,027,835	0	0	0	148	0	148	
10	542.94	2,027,073	-762	0	0	125	0	-259	
11	542.90	2,026,565	-508	0	0	112	0	-144	
12	542.89	2,026,438	-127	0	0	112	0	48	
13	542.85	2,025,930	-508	0	0	120	0	-136	
14	542.76	2,024,787	-1,143	0	0	114	0	-462	
15	542.76	2,024,787	0	0	0	106	0	106	
16	542.73	2,024,406	-381	0	0	114	0	-78	
17	542.71	2,024,152	-254	0	0	92	0	-36	
18	542.70	2,024,025	-127	0	0	40	0	-24	
19	542.69	2,023,898	-127	0	0	34	0	-30	
20	542.67	2,023,644	-254	0	0	33	0	-95	
21	542.64	2,023,263	-381	0	0	46	0	-146	
22	542.60	2,022,755	-508	0	0	73	0	-183	
23	542.60	2,022,755	0	0	0	76	0	76	
24	542.50	2,021,486	-1,269	0	604	146	0	110	
25	542.40	2,020,216	-1,270	0	0	184	0	-456	
26	542.37	2,019,836	-380	0	0	165	0	-27	
27	542.37	2,019,836	0	0	0	146	0	146	
28	542.37	2,019,836	0	0	0	131	1	132	
Total			-10,414	0	604	3,207	1	-1,438	
Mean cfs			---	0	22	115	0	-51	
Acre-feet			-10,414	0	1,199	6,360	1	-2,854	

1/ Pacheco Tunnel, San Felipe Split; Santa Clara: 5,389 AF, Casa De Fruta: 1AF, and San Benito: 970 AF.

**Table 16. San Luis Field Division Plant Data**

(in acre-feet)

**February 2006**

Date	Dos Amigos Pumping Plant		Gianelli Pumping - Generating Plant			San Felipe Project	
	Total Pumping	SWP Pumping 1/ 2/	Total Generation	SWP Generation 1/ 2/	Total Pumping	SWP Pumping 1/ 2/	Federal
1	10,940	6,516	0	0	0	0	257
2	11,893	7,501	0	0	0	0	263
3	12,117	7,715	0	0	0	0	258
4	12,214	7,830	0	0	0	0	262
5	13,263	8,936	0	0	0	0	269
6	12,277	7,866	0	0	0	0	278
7	12,232	7,786	0	0	0	0	282
8	12,351	7,930	0	0	0	0	291
9	11,738	7,252	0	0	0	0	293
10	12,044	7,551	0	0	0	0	248
11	12,127	7,610	0	0	0	0	223
12	15,001	11,342	0	0	0	0	222
13	10,404	6,863	0	0	0	0	239
14	12,234	8,729	0	0	0	0	227
15	12,382	8,878	0	0	0	0	210
16	14,680	11,998	0	0	0	0	226
17	14,326	11,624	0	0	0	0	183
18	13,855	11,134	0	0	0	0	80
19	14,165	11,390	0	0	0	0	68
20	12,464	9,713	0	0	0	0	65
21	13,228	10,422	0	0	0	0	91
22	12,965	10,151	0	0	0	0	144
23	13,219	10,395	0	0	0	0	150
24	13,070	10,246	1,199	1,199	0	0	290
25	13,606	10,769	0	0	0	0	364
26	15,298	12,456	0	0	0	0	327
27	11,332	8,488	0	0	0	0	290
28	9,606	6,860	0	0	0	0	260
Total	355,031	255,951	1,199	1,199	0	0	6,360

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping;  
adjustments to SWP water shares are made to balance the mismatch.

2/ Provisional, subject to change.

**Table 17. Consolidated State-Federal Los Banos Reservoir**

Daily Operations

**February 2006**

United States  
Department of the Interior  
Bureau of Reclamation  
Central Valley Project

State of California  
The Resources Agency  
Department of Water Resources  
State Water Project

Capacity 34,560 ac-ft

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft)
					Spill	Outlet	
Jan 31	326.57	20,002					
1	326.62	20,026	24	12	0	0	0.2
2	326.65	20,039	13	7	0	0	-0.9
3	326.68	20,053	14	7	0	0	0.1
4	326.70	20,063	10	5	0	0	0.1
5	326.73	20,077	14	7	0	0	0.1
6	326.75	20,086	9	5	0	0	-0.9
7	326.78	20,100	14	7	0	0	0.1
8	326.81	20,114	14	7	0	0	0.1
9	326.83	20,123	9	5	0	0	-0.9
10	326.84	20,128	5	3	0	0	-1.0
11	326.85	20,132	4	2	0	0	0.0
12	326.87	20,141	9	5	0	0	-0.9
13	326.90	20,155	14	7	0	0	0.1
14	326.92	20,165	10	5	0	0	0.1
15	326.89	20,151	-14	0	0	0	-14.0
16	326.90	20,155	4	2	0	0	0.0
17	326.93	20,169	14	7	0	0	0.1
18	326.95	20,179	10	5	0	0	0.1
19	326.96	20,183	4	2	0	0	0.0
20	326.98	20,193	10	5	0	0	0.1
21	326.99	20,197	4	2	0	0	0.0
22	327.00	20,202	5	3	0	0	-1.0
23	327.01	20,206	4	2	0	0	0.0
24	327.02	20,211	5	3	0	0	-1.0
25	327.04	20,220	9	5	0	0	-0.9
26	327.04	20,220	0	0	0	0	0.0
27	327.09	20,244	24	12	0	0	0.2
28	327.12	20,258	14	7	0	0	0.1
Total			256	139	0	0	-20.0
Mean cfs			---	5	0	0	---
Acre-feet			256	276	0	0	-20

**Table 18. Consolidated State-Federal Little Panoche Reservoir**

Daily Operations

**February 2006**

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

State of California

The Resources Agency

Department of Water Resources

State Water Project

Capacity: 5,580 ac-ft

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft)
					Spill	Outlet	
Jan 31	602.65	829					
1	602.65	829	0	3	0	3	0
2	602.65	829	0	3	0	3	0
3	602.65	829	0	4	0	4	0
4	602.65	829	0	3	0	3	0
5	602.65	829	0	3	0	3	0
6	602.65	829	0	4	0	4	0
7	602.65	829	0	4	0	4	0
8	602.65	829	0	4	0	4	0
9	602.65	829	0	4	0	4	0
10	602.65	829	0	4	0	4	0
11	602.65	829	0	4	0	4	0
12	602.60	826	-3	1	0	3	1
13	602.60	826	0	4	0	4	0
14	602.65	829	3	7	0	5	-1
15	602.65	829	0	5	0	5	0
16	602.65	829	0	3	0	3	0
17	602.65	829	0	2	0	2	0
18	602.65	829	0	2	0	2	0
19	602.65	829	0	2	0	2	0
20	602.65	829	0	2	0	2	0
21	602.65	829	0	2	0	2	0
22	602.65	829	0	2	0	2	0
23	602.65	829	0	3	0	3	0
24	602.65	829	0	3	0	3	0
25	602.65	829	0	2	0	2	0
26	602.65	829	0	3	0	3	0
27	602.65	829	0	4	0	4	0
28	602.65	829	0	3	0	3	0
Total			0	90	0	90	0
Mean cfs			---	3	0	3	---
Acre-feet			0	179	0	179	0

**Table 19. Governor Edmund G. Brown California Aqueduct**

San Luis Field Division, Monthly Deliveries

(In acre-feet)

**February 2006**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		Structure			USBR	Transfer	DWR Recreation	USBR Recreation		
	No.	Structure									
2B	12	Check No. 12	66.71		248,372						
3A		San Luis Reservoir		Department of Parks and Recreation	1	5,389	1	0	1		
				San Felipe Division Santa Clara Water District	5,389						
				Casa de Fruta Santa Clara Water District	1						
				San Felipe Division San Benito Water District	970	970					
				Reach 3A Subtotal:	6,361	6,360	0	0	1		
3	13	O'Neill Forebay	70.85	Department of Parks and Recreation	0			0	0		
				Cattle Program	1						
				Department of Fish & Game	118			65	53		
		Thru 85.08	70.91	San Luis Water District	779	779		0	1		
				(Floodwater Inflow)	0						
				Reach 3 Subtotal:	898			779	0		
		Dos Amigos Pumping Plant	86.73		355,031			65	54		
4	14		89.03			3,880					
			Thru 94.06	San Luis Water District	3,880						
			89.66				671				
			Thru 89.67	Pacheco Water District	671						
			89.68	Panoche Water District	28		28				
		Check No. 14	89.70	City of Dos Palos	57		57				
4	15		95.06								
			98.15			689					
			Thru 104.20	San Luis Water District	689						
			96.15				2,798				
			Thru 102.64	Panoche Water District	2,798						
			(Floodwater Inflow)	0							
		Check No.15	102.64	Broadview Water District	1		1				
			105.22								
			Thru 108.64	Westlands Water District	8,577	8,577					
			108.50								
			Reach 4 Subtotal:	16,701	16,701		0	0	0		
			San Felipe Division Total:	6,360	6,360		0	0	0		
			Pacheco Water District Total:	671	671		0	0	0		
			Broadview Water District Total:	1	1		0	0	0		
			City of Dos Palos Total:	57	57		0	0	0		
			SLWD Reach 4 Subtotal:	4,569	4,569		0	0	0		
			Panoche Water District Total:	2,826	2,826		0	0	0		
			SLWD Total:	5,348	5,348		0	0	0		
			Westlands WD Reach 4 Subtotal:	8,577	8,577		0	0	0		

**Table 19. Governor Edmund G. Brown California Aqueduct**

San Luis Field Division, Monthly Deliveries (Continued)

(In acre-feet)

**February 2006**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending		Mile			USBR	Transfer	DWR Recreation	USBR Recreation			
	No.	Structure										
5	16		110.52	(Reverse flow, Kings River)	0	10,485		16	13			
				Westlands Water District	10,485							
				Thru	29							
				122.05	0							
				Dept. of Fish and Game @ Lat. 6L	0							
	17		124.18	Dept. of Fish and Game @ Lat. 7L	0	10,364		0	0			
				Check No. 16	122.07							
				Thru								
	18		132.74	132.74	Westlands Water District	10,364		16	13			
				Check No. 17	132.95							
				133.81	Westlands Water District	11,810						
				Thru		11,810		0	0			
				142.61								
6	19		145.26	Pleasant Valley Pumping Plant	Westlands Water District	7,920	7,920	16	0			
				143.16	City of Coalinga	396						
				Check No. 18	143.23							
					Reach 5 Subtotal:	41,004						
				GWF Energy	0	40,975	0	16				
				City of Huron	0							
				Kings County to Lemoore NAS Through WWD	116							
7	20		151.19	Kings County through WWD 30L	0							
				Westlands Water District	16,676	16,676	116	0				
				Check No. 19	155.64							
					Reach 6 Subtotal:				16,792			
				156.34	City of Huron				60			
				156.40	SWP Construction @ Lat. 24R				0			
				Thru		8,296	60	0	0			
8	21		163.69	163.69	Westlands Water District	8,296						
				Check No. 20	164.69							
				164.79	City of Avenal	176		176	0			
				167.04	Westlands Water District	3,328						
				Thru								
				171.67								
				Check No. 21	172.40							
					Reach 7 Total:	11,860	11,860	0	0			
					SWP Construction Total:	0	0	0	0			
					Westlands WD Total:	77,456	77,456	0	0			
					City of Coalinga Total:	396	396	0	0			
					City of Huron Total:	60	60	0	0			
					Kings County to Lemoore NAS Through WWD	116	0	116	0			
					City of Avenal Total:	176	176	0	0			
Total San Luis Field Division Deliveries:						93,616	93,351	116	81			
									68			

1/ Long-term POD from County of Kings to Lemoore Naval Air Base

**Table 20. Consolidated State-Federal San Luis Canal 1/**Daily Operations  
February 2006

United States  
Department of the Interior  
Bureau of Reclamation  
Central Valley Project

State of California  
The Resources Agency  
Department of Water Resources  
State Water Project

Date	Storage In Canal (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)		Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)
			Non- Project	Dos Amigos Pumping Plant	San Luis Water District Pools 14 & 15 2/	Panoche Water District Pools 14 & 15	Westlands Water District Pools 15 thru 21 3/	Flow Past Check 21	
Jan 31	27,591								
1	27,033	-558	0	5,516	88	61	1,110	4,128	-410
2	27,456	423	0	5,996	83	49	1,365	4,219	-67
3	28,011	555	0	6,109	83	49	1,365	4,116	-216
4	27,295	-716	0	6,158	83	49	1,365	5,058	36
5	27,188	-107	0	6,687	83	49	1,365	5,245	1
6	27,698	510	0	6,190	83	49	1,365	4,097	-339
7	27,161	-537	0	6,167	83	49	1,365	5,013	72
8	27,713	552	0	6,227	86	51	1,368	4,046	-398
9	27,361	-352	0	5,918	93	62	1,468	4,293	-179
10	27,379	18	0	6,072	93	62	1,468	4,242	-198
11	26,884	-495	0	6,114	93	62	1,468	4,439	-301
12	27,863	979	0	7,563	93	62	1,468	5,686	239
13	27,034	-829	0	5,245	93	62	1,468	4,347	307
14	26,513	-521	0	6,168	93	62	1,468	5,071	264
15	27,000	487	0	6,243	99	62	1,468	4,385	16
16	27,506	506	0	7,401	102	49	1,433	5,489	-73
17	27,545	39	0	7,223	102	49	1,433	5,806	187
18	28,336	791	0	6,985	102	49	1,433	4,916	-86
19	28,618	282	0	7,141	102	49	1,433	5,323	-92
20	28,182	-436	0	6,284	102	49	1,433	5,267	348
21	28,080	-102	0	6,669	102	49	1,433	4,782	-354
22	28,148	68	0	6,536	106	49	1,434	4,097	-816
23	27,478	-670	0	6,664	104	40	1,411	4,427	-1,020
24	27,422	-56	0	6,589	104	40	1,411	4,807	-255
25	28,626	1,204	0	6,860	104	40	1,411	4,480	-218
26	29,300	674	0	7,713	104	40	1,411	6,026	208
27	29,913	613	0	5,713	104	40	1,411	4,240	392
28	27,196	-2,717	0	4,843	104	42	1,411	5,153	498
Total		-395	0	178,994	2,671	1,425	39,442	133,199	-2,454
Mean cfs		---	0	6,393	95	51	1,409	4,757	-88
Acre-feet		-395	0	355,031	5,297	2,826	78,234	264,201	-4,868

1/ San Luis Canal includes Pools 14 through 21 of the California Aqueduct.

2/ Includes 671 AF to Pacheco W.D., 57 AF to the City of Dos Palos, and 4,569 AF to San Luis Water District.

3/ Includes 60 AF to the City of Huron, 176 AF to the City of Avenal, 396 AF to the City of Coalinga, 0 AF to City of Huron P&amp;R @ 22R, 116 AF to Lemoore N.A.S. @ 30L, 0 AF to GWF @ 30L, 0 AF to Kings County, 1 AF to Broadview WD @ 3L, 29 AF to DFG @ 4L, 0 AF to Pilipos Wildlife @ 4L, 0 AF to Mendota Water Fowl Habitat Area @ 6L, 0 AF to SWP construction, 69,536 AF to Westlands Water District, and 7,920 AF to Pleasant Valley Pumping Plant.

**Table 21. San Joaquin Field Division Plant Data**

(in acre-feet)

**February 2006**

23

Date	Coastal Aqueduct					California Aqueduct			
	Las Perillas Pumping Plant	Badger Hill Pumping Plant	Devil's Den Pumping Plant	Bluestone Pumping Plant	Polonio Pass Pumping Plant	Buena Vista Pumping Plant	Teerink Pumping Plant	Chrisman Pumping Plant	Edmonston Pumping Plant
1	193	193	63	58	65	5,185	5,311	4,976	4,830
2	204	204	68	64	70	4,660	4,815	4,579	4,396
3	174	174	54	50	53	4,971	5,339	5,099	5,051
4	159	159	71	66	71	6,178	6,303	6,050	6,001
5	168	168	83	77	87	6,717	6,902	6,648	6,569
6	113	113	52	48	54	5,372	5,720	5,915	5,561
7	165	165	63	58	64	5,745	5,945	5,603	5,564
8	199	199	48	43	50	5,191	5,287	4,644	4,807
9	232	232	79	74	50	4,620	4,655	4,148	4,376
10	293	293	96	93	94	5,004	4,967	4,762	4,613
11	253	253	61	58	65	5,036	5,262	4,965	4,851
12	190	190	76	70	77	7,115	7,302	7,051	7,082
13	178	178	51	48	52	4,877	5,056	4,716	4,750
14	175	175	88	83	89	5,093	5,183	4,871	4,859
15	321	321	94	88	97	4,979	4,870	4,600	4,533
16	273	273	89	83	89	5,433	5,357	5,014	4,910
17	233	233	78	74	79	5,668	5,653	5,349	5,229
18	197	197	66	63	67	5,448	5,452	5,233	5,229
19	180	180	95	87	98	6,930	7,084	6,792	6,981
20	146	146	55	51	55	4,761	4,787	4,504	4,398
21	117	117	53	50	57	4,927	5,177	4,918	4,854
22	169	169	52	48	53	5,191	5,405	4,956	4,862
23	178	178	49	46	53	5,040	4,762	4,469	4,453
24	174	174	59	56	62	4,573	4,626	4,323	4,260
25	185	185	68	62	69	4,762	4,697	4,387	4,291
26	163	163	73	67	75	7,637	7,778	7,555	7,735
27	82	82	60	56	64	4,980	4,996	4,809	4,778
28	106	106	46	43	49	5,957	5,762	5,493	5,417
Total	5,220	5,220	1,890	1,764	1,908	152,050	154,453	146,429	145,240

**Table 22. Governor Edmund G. Brown California Aqueduct**

San Joaquin Field Division, Monthly Deliveries

(In acre-feet)

**February 2006**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries							
	Beginning and Ending		Mile			Table A	USBR	Article 21	Unscheduled	Other Article 21	Exchange		
	No.	Structure											
7	21	Check No. 21	172.40		264,201								
8C	22		172.66	Empire West Side Irrig. Dist. TL - A	506				506				
				County of Kings TL - A	0								
				Tulare Lake Basin WSD TL-A	3,188								
			175.18	Dudley Ridge WD - 1	440								
			177.54	Dudley Ridge WD - 1B	215								
			180.64	Tulare Lake Basin WSD - C	0								
			180.65	Dudley Ridge WD - 1A	652								
			182.99	Dudley Ridge WD - 2	1,538								
			183.00	Tulare Lake Basin WSD TL - B	6,378								
				County of Kings TL-B	0								
8D			184.00	Dudley Ridge WD - Paramount	0								
			184.63	Coastal Branch	5,220								
8D			184.78	Dudley Ridge WD - 3	314								
				Dudley Ridge Reach 8D Total:	3,159	0	0	3,159	0	0	0		
9	23			Kern County Water Agency Lost Hills Water Dist. - 1	642				642				
				Kern County Water Agency Lost Hills Water Dist. - 2	31								
				Kern County Water Agency Lost Hills Water Dist. - 3	0								
				Kern County Water Agency Berrenda Mesa - 2	0								
				Kern County Water Agency Lost Hills Water Dist. - 4	0								
				KCWA Reach 9 Subtotal:	673	0	0	673	0	0	0		
			Check No. 23	197.05									
10A	24			Kern County Water Agency Lost Hills Water Dist. - 7	269				269				
				Kern County Water Agency Lost Hills Water Dist. - 5	1,504								
				Kern County Water Agency Lost Hills Water Dist. - 6	0								
				Kern County Water Agency Lost Hills Water Dist. - 8	5								
			Check No. 24	207.94									
				Kern County Water Agency Belridge Water Storage Dist. - 1A	566				566				
				Kern National Wildlife Refuge USBR BV-1B	524								
				Kern County Water Agency Buena Vista WSD 1B	342								
				KCWA Semitropic WSD	12,695								
				KCWA Semitropic WSD Penstocks	11,059								
				USBR Total:	524	100	0	524	0	0	0		
				KCWA Reach 10A Subtotal:	26,440	100	0	20,014	0	6,326	0		

1/ Includes 4,565 AF of SCVWD's Article 21 water delivered to Semitropic WSD for banking and 1,761 AF of ACWD's Article 21 water delivered to Semitropic WSD for banking.

**Table 22. Governor Edmund G. Brown California Aqueduct**

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

**February 2006**

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries						
	Beginning and Ending				Table A	USBR	Article 21	Unscheduled	Other Article 21	Exchange	
	No.	Structure	Mile								
11B	25		210.75	Kern County Water Agency Belridge - 2	0	1,500	36	1,668	95		
			214.11	Kern County Water Agency Belridge - 3	36						
			216.62	Kern County Water Agency Belridge - 4	0						
			217.13	Kern County Water Agency Belridge - 5	3,168						
				Kern County Water Agency Belridge - 5D	95						
		Check No. 25	217.79								
				KCWA Reach 11B Subtotal:	3,299	1,500	0	1,799	0	0	
12D	26		219.58	Kern County Water Agency Belridge - 6	0	299					
				Kern County Water Agency West Kern - 3	299						
	Check No. 26		224.92								
12E	27		230.37	Kern County Water Agency Buena Vista - 6	1,178	2,000	1,178	34,509	2/ 10,663		
			Check No. 27	231.73							
	28		235.75	Kern County Water Agency Buena Vista - 2	2,751						
				Kern County WA CVC	45,172						
				Dudley Ridge WD CVC	0						
				Tulare Co.	0						
				Lower Tule River	0						
				Fresno Co.	0						
				Pixley ID	0						
				Hacienda DWR Wells	0						
	Check No. 28		238.11								
				1/ Arvin Edison Total:	0	0	0	0	0	0	
				Reach 12E Subtotal:	49,101	2,000	0	36,438	0	10,663	
13B	29		238.19	Kern Water Bank Inflow	16,647		15,073	2,944	4,437	3/ 1,574	
				Kern Water Bank Outflow	0						
			241.02	Kern River Intertie (inflow)	0						
			242.85	KCWA Buena Vista WSD - 7	2,944						
				KCWA Buena Vista WSD - 5	198						
	30		243.09	Kern County Water Agency Buena Vista - 3	4,437		663				
			Check No. 29	244.54							
				249.85	Kern County Water Agency Buena Vista - 4						
				Buena Vista Pumping Plant	250.99						
				KCWA Reach 13B Subtotal:	24,889	0	0	23,315	0	1,574	
14A	31		254.47	Kern County Water Agency West Kern - 2	0		16				
			256.11	Kern County Water Agency Wheeler Ridge-Maricopa - 2	16						

1/ Arvin Edison Contractors include Rag Gulch WD, Kern-Tulare WD, Fresno County, Hills Valley ID, Tri Valley WD, Tulare County, Lower Tule River ID, and Pixley ID.

2/ Panoche WD's CVP water delivered to Rosedale Rio Bravo WSD.

3/ DRWD's Art.21 water delivered to KWB for storage.

**Table 22. Governor Edmund G. Brown California Aqueduct**

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

**February 2006**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries										
	Beginning and Ending					Table A	USBR	Article 21	Unscheduled	Other Article 21	Exchange					
	No.	Structure	Mile													
14A	31	Check No. 31	256.14													
	32		258.61		Kern County Water Agency Wheeler Ridge-Maricopa - 3											
			260.44		Kern County Water Agency Wheeler Ridge-Maricopa - 4											
		Check No. 32	261.72													
					KCWA Reach 14A Subtotal:	734										
14B	33		264.42		Kern County Water Agency Wheeler Ridge-Maricopa - 5	1,330										
			266.91		Kern County Water Agency Wheeler Ridge-Maricopa - 6											
		Check No. 33	267.36													
	34		270.24		Kern County Water Agency Wheeler Ridge-Maricopa - 7	1,122										
			271.27													
					Reach 14B Total:	2,613										
14C	35		272.39		Kern County Water Agency Wheeler Ridge-Maricopa - 8	727										
			276.09		Kern County Water Agency Wheeler Ridge-Maricopa - 9											
			277.30		Kern County Water Agency Arvin-Edison WSD											
					Reach 14C Total:	1,110										
15A	36		278.13		Teerink Pumping Plant	154,453										
			279.02		Kern County Water Agency Wheeler Ridge-Maricopa - 9A											
			280.06		Kern County Water Agency Wheeler Ridge-Maricopa - 10											
					Reach 15A Total:	2,496										
16A	37		280.36		Chrisman Pumping Plant	146,429										
			282.06		Kern County Water Agency Wheeler Ridge-Maricopa - 11											
			283.95													
			285.01	38	Kern County Water Agency Wheeler Ridge-Maricopa - 12	14										
			286.39		Kern County Water Agency Wheeler Ridge-Maricopa - 13A											
			287.06		Kern County Water Agency Wheeler Ridge-Maricopa - 13											
	39		287.09													
			287.62		Kern County Water Agency Wheeler Ridge-Maricopa - 13B											
			290.21													
			291.26	40	Kern County Water Agency Wheeler Ridge-Maricopa - 14	603										
			293.07		Kern County Water Agency Wheeler Ridge-Maricopa - 15											
					Kern County Water Agency Tehachapi Cummings WD											
					KCWA Reach 16A Subtotal:	902										
17E		Edmonston Pumping Plant	293.45			145,240										

**Table 23. Governor Edmund G. Brown California Aqueduct**

San Joaquin Field Division, Monthly Deliveries (Coastal Branch)

(In acre-feet)

**February 2006**

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries						
	Beginning and Ending				Table A	USBR	Article 21	Unscheduled	Other Article 21	Exchange	
	No.	Structure	Mile								
31A	C-1	Coastal Branch Control	0.02		5,220						
		Las Perillas Pumping Plant	1.16		5,220						
	C-2		3.79	Green Valley Water District	0						
		Badger Hill Pumping Plant	4.27		5,220						
	C-3	Coastal Check No. 3	7.21								
	C-4		9.34	Castaic Lake WA (Devil's Den WD #1)	734						
		Coastal Check No. 4	9.34								
	C-5	Coastal Check No. 5	12.20								
	C-6		13.30	Kern County Water Agency Berrenda Mesa - 3	37						
			14.83	Kern County Water Agency Berrenda Mesa - 1	2,711						
				Kern County Water Agency Berrenda Mesa - PO	0						
		Devil's Den Pumping Plant	14.86		1,890						
				KCWA Reach 31A Subtotal:	2,748	1,500	0	1,248	0	0	
				KCWA Total:	115,304	6,585	0	90,156	0	7,900	
33A	C-7	Bluestone Pumping Plant	19.05		1,764						
	C-8	Polonio Pass Pumping Plant	26.54		1,908						
	C-9	Tank Site 1	27.81	(CCWA) Polonio Pass Treatment Plant							
	C-10	Shandon T.O.	38.23	Santa Barbara County (CCWA)	1,495						
		Tank Site 2	58.63	Central Coast:	0						
34	C-11	Chorro Valley T.O.	69.31	San Luis Obispo County (CCWA)	390						
		Energy Dissipater	78.12								
	Lopez T.O.		85.86	SLOCFC & WCD	0						
35	C-12			CCWA Total:	1,885	166	0	1,719	0	0	
		Guadalupe T.O.	102.70	SBCFC & WCD	0						
		Santa Maria T.O.	107.43	SBCFC & WCD	0						
	So. Cal. Water T.O.	109.20		SBCFC & WCD	0						
38				SBCFC & WCD Total:	0	0	0	0	0	0	
	Tank Site 5	115.42									

**Table 24. Southern Field Division Plant Data**

(in acre-feet)

**February 2006**

Date	West Branch					East Branch								East Branch Extension			
	Oso Pumping Plant	Warne Powerplant		Castaic Powerplant		Alamo Powerplant			Pearblossom Pumping Plant	Mojave Siphon Powerplant			Devil Canyon Powerplant Generation	Green Spot	Crafton Hills	Cherry Valley	
		Generation	Bypass	Generation 1/	Pumpback 1/	Generation	Bypass Through Plant	Cottonwood Chute		Generation	Leakage	Bypass Flume					
28	1	1,901	2,250	0	3,234	473	3,061	0	0	2,815	2,843	0	0	2,874	5	5	5
	2	1,742	2,160	0	2,945	6	2,759	0	0	2,255	2,409	0	0	2,794	0	3	5
	3	2,107	2,151	0	2,867	1,101	3,010	0	0	2,955	2,865	0	0	2,993	0	0	0
	4	2,235	1,788	0	1,978	0	3,633	0	123	3,467	3,381	0	0	3,204	0	0	0
	5	2,699	1,778	0	1,360	1,779	3,611	0	234	3,620	3,599	0	0	3,322	0	0	0
	6	2,010	2,154	0	2,463	2,052	3,620	0	0	3,332	3,409	0	0	3,223	17	17	3
	7	2,011	2,150	0	2,396	0	3,641	0	0	3,295	3,190	0	0	3,480	0	0	4
	8	1,297	1,724	0	674	502	3,551	0	0	3,089	3,169	0	0	3,274	26	26	5
	9	1,294	1,487	0	2,654	652	3,073	0	0	3,045	3,204	0	0	3,343	25	26	5
	10	1,029	1,491	0	2,116	0	3,485	0	105	3,200	2,929	0	0	3,506	26	26	5
	11	1,553	1,486	0	462	0	3,293	0	57	3,300	3,371	0	0	3,369	0	0	0
	12	2,661	1,189	0	1,824	0	3,727	0	635	3,745	3,472	0	0	3,068	0	0	0
	13	1,336	1,500	0	2,491	743	3,354	0	91	3,175	3,334	0	0	3,495	26	27	8
	14	1,337	1,505	0	2,343	0	3,386	0	116	3,332	3,443	0	0	3,340	0	0	6
	15	1,333	1,499	0	1,813	0	3,117	0	116	2,994	2,927	0	0	3,356	26	27	8
	16	1,120	1,501	0	2,567	0	3,671	0	114	3,312	3,380	0	0	3,554	0	0	5
	17	1,457	1,497	0	2,462	0	3,623	0	153	3,621	3,501	0	0	3,392	25	26	7
	18	1,293	1,607	0	1,079	0	3,781	0	113	3,621	3,605	0	0	3,306	0	0	0
	19	2,541	1,503	0	563	0	3,809	0	588	4,048	3,777	0	0	3,287	0	0	0
	20	1,405	1,501	0	2,307	0	3,047	0	22	3,123	3,408	0	0	2,895	0	0	0
	21	1,318	1,504	0	1,513	0	3,416	0	153	3,320	3,269	0	0	2,782	0	0	8
	22	1,318	1,504	0	584	0	3,385	0	140	3,255	3,242	0	0	3,130	23	23	8
	23	1,318	1,505	0	1,235	0	2,964	0	139	2,917	2,948	0	0	2,955	0	0	8
	24	1,309	1,505	0	1,047	15	2,836	0	164	2,886	2,879	0	0	3,566	27	27	8
	25	1,318	1,505	0	687	11	2,833	0	145	2,863	2,879	0	0	3,426	0	0	0
	26	3,041	1,509	0	628	0	3,835	0	799	3,879	3,506	0	0	3,291	0	0	0
	27	1,202	2,021	512	3,597	811	3,455	0	129	3,359	3,296	0	0	3,435	0	0	4
	28	2,355	2,072	1,584	980	0	2,949	0	137	3,478	3,613	0	0	3,240	0	0	0
<b>Total</b>		<b>47,540</b>	<b>47,046</b>	<b>2,096</b>	<b>50,869</b>	<b>8,145</b>	<b>93,925</b>	<b>0</b>	<b>4,273</b>	<b>91,301</b>	<b>90,848</b>	<b>0</b>	<b>0</b>	<b>90,900</b>	<b>226</b>	<b>233</b>	<b>102</b>

1/ Values supplied by LADWP, not verified by DWR.

**Table 25. Pyramid Lake**  
Daily Operation

Capacity: 171,200 ac-ft

(in acre-feet except as noted)

**February 2006**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow				Computed Losses (-) And Gains (+)	
				Project		Natural	Project		Natural	United Water Agency		
				Castaic Powerplant Pumpback 1/	Warne Powerplant	Stream Flow	Castaic Powerplant Generation 1/	Recreation Deliveries	To Piru Creek			
Jan 31	2573.42	164,052										
1	2572.89	163,388	-664	473	2,250	33	3,234	0	51	0	-135	
2	2572.24	162,571	-817	6	2,160	31	2,945	0	56	0	-13	
3	2572.48	162,873	302	1,101	2,151	29	2,867	0	67	0	-45	
4	2572.35	162,709	-164	0	1,788	30	1,978	0	49	0	45	
5	2574.10	164,915	2,206	1,779	1,778	30	1,360	0	73	0	52	
6	2575.31	166,451	1,536	2,052	2,154	31	2,463	0	79	0	-159	
7	2575.07	166,146	-305	0	2,150	32	2,396	0	72	0	-19	
8	2576.13	167,498	1,352	502	1,724	33	674	0	87	0	-146	
9	2575.70	166,949	-549	652	1,487	35	2,654	0	86	0	17	
10	2575.18	166,286	-663	0	1,491	37	2,116	0	71	0	-4	
11	2575.99	167,319	1,033	0	1,486	37	462	0	79	0	51	
12	2575.55	166,757	-562	0	1,189	41	1,824	0	78	0	110	
13	2575.33	166,477	-280	743	1,500	43	2,491	0	80	0	5	
14	2574.63	165,587	-890	0	1,505	47	2,343	0	78	0	-21	
15	2574.27	165,130	-457	0	1,499	50	1,813	0	76	0	-117	
16	2573.36	163,980	-1,150	0	1,501	52	2,567	0	81	0	-55	
17	2572.66	163,099	-881	0	1,497	54	2,462	0	71	0	101	
18	2572.84	163,325	226	0	1,607	55	1,079	0	103	0	-254	
19	2573.60	164,283	958	0	1,503	57	563	0	102	0	63	
20	2572.84	163,325	-958	0	1,501	52	2,307	0	100	0	-104	
21	2572.80	163,275	-50	0	1,504	49	1,513	0	97	0	7	
22	2573.38	164,005	730	0	1,504	46	584	0	91	0	-145	
23	2573.51	164,169	164	0	1,505	45	1,235	0	101	0	-50	
24	2573.81	164,548	379	15	1,505	43	1,047	0	97	0	-40	
25	2574.38	165,270	722	11	1,505	42	687	0	113	0	-36	
26	2575.07	166,146	876	0	1,509	39	628	0	87	0	43	
27	2573.78	164,510	-1,636	811	2,021	357	3,597	0	1,151	0	-77	
28	2573.64	164,333	-177	0	2,072	1,673	980	0	2,909	0	-33	
Total				281	8,145	47,046	3,103	50,869	0	6,185	0	-959

1/ Values supplied by LADWP, not verified by DWR.

**Table 26. Elderberry Forebay**

Daily Operation

(in acre-feet except as noted)

Capacity: 32,476 ac-ft

**February 2006**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow			Computed Losses (-) And Gains (+)	
				Castaic Powerplant Generation 1/	Natural	Castaic Powerplant Pumpback 1/	To Castaic Lake			
							Natural	Project 1/		
Jan 31	1512.30	20,080								
1	1512.60	20,199	119	3,234	12	473	12	2,618	-24	
2	1519.60	23,070	2,871	2,945	12	6	12	0	-68	
3	1519.40	22,986	-84	2,867	12	1,101	12	1,839	-11	
4	1515.70	21,445	-1,541	1,978	12	0	12	3,507	-12	
5	1514.70	21,039	-406	1,360	12	1,779	12	0	13	
6	1511.90	19,923	-1,116	2,463	11	2,052	11	1,505	-22	
7	1511.60	19,805	-118	2,396	11	0	11	2,502	-12	
8	1512.00	19,962	157	674	11	502	11	0	-15	
9	1513.00	20,357	395	2,654	11	652	11	1,583	-24	
10	1509.20	18,878	-1,479	2,116	11	0	11	3,584	-11	
11	1504.70	17,200	-1,678	462	11	0	11	2,129	-11	
12	1509.50	18,992	1,792	1,824	10	0	10	0	-32	
13	1513.80	20,676	1,684	2,491	10	743	10	0	-64	
14	1512.70	20,238	-438	2,343	11	0	11	2,749	-32	
15	1512.10	20,001	-237	1,813	10	0	10	2,041	-9	
16	1518.20	22,480	2,479	2,567	11	0	11	0	-88	
17	1515.70	21,445	-1,035	2,462	12	0	12	3,473	-24	
18	1511.10	19,610	-1,835	1,079	13	0	13	2,900	-14	
19	1512.60	20,199	589	563	13	0	13	0	26	
20	1518.10	22,438	2,239	2,307	12	0	12	0	-68	
21	1515.30	21,282	-1,156	1,513	11	0	11	2,631	-38	
22	1510.20	19,261	-2,021	584	11	0	11	2,595	-10	
23	1513.10	20,397	1,136	1,235	11	0	11	0	-99	
24	1510.00	19,184	-1,213	1,047	11	15	11	2,225	-20	
25	1505.15	17,364	-1,820	687	11	11	11	2,483	-13	
26	1505.60	17,530	166	628	11	0	11	452	-10	
27	1513.10	20,397	2,867	3,597	32	811	32	0	81	
28	1512.15	20,021	-376	980	214	0	214	1,111	-245	
Total				-59	50,869	540	8,145	540	41,927	-856

1/ Values supplied by LADWP, not verified by DWR.

**Table 27. Castaic Lake**

Daily Operation

(in acre-feet except as noted)

Capacity: 323,699 ac-ft

**February 2006**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow		Computed Losses (-) And Gains (+)	
				From Elderberry Forebay 1/		Natural	Deliveries	Released To Castaic Lagoon		
				Natural	Project					
Jan 31	1497.30	285,548								
1	1497.27	285,486	-62	12	2,618	16	2,718	32	42	
2	1495.78	282,403	-3,083	12	0	17	3,077	30	-5	
3	1495.15	281,105	-1,298	12	1,839	17	3,216	30	80	
4	1495.30	281,414	309	12	3,507	16	3,212	30	16	
5	1493.74	278,214	-3,200	12	0	16	3,218	30	20	
6	1492.88	276,459	-1,755	11	1,505	16	3,211	30	-46	
7	1492.66	276,011	-448	11	2,502	16	2,992	45	60	
8	1491.29	273,231	-2,780	11	0	16	2,622	60	-125	
9	1490.81	272,261	-970	11	1,583	16	2,530	107	57	
10	1491.41	273,474	1,213	11	3,584	16	2,346	107	55	
11	1491.30	273,251	-223	11	2,129	15	2,322	107	51	
12	1490.11	270,851	-2,400	10	0	15	2,300	107	-18	
13	1488.94	268,500	-2,351	10	0	16	2,255	107	-15	
14	1489.23	269,083	583	11	2,749	16	2,207	101	115	
15	1489.17	268,962	-121	10	2,041	16	1,956	101	-131	
16	1488.18	266,978	-1,984	11	0	17	1,911	101	0	
17	1489.03	268,681	1,703	12	3,473	20	1,843	101	142	
18	1489.66	269,947	1,266	13	2,900	23	1,680	101	111	
19	1488.91	268,440	-1,507	13	0	24	1,424	101	-19	
20	1488.10	266,818	-1,622	12	0	22	1,460	101	-95	
21	1488.63	267,879	1,061	11	2,631	22	1,633	101	131	
22	1489.20	269,022	1,143	11	2,595	23	1,548	99	161	
23	1488.57	267,759	-1,263	11	0	24	1,197	99	-2	
24	1489.23	269,083	1,324	11	2,225	24	867	99	30	
25	1490.09	270,810	1,727	11	2,483	26	771	103	81	
26	1490.06	270,750	-60	11	452	31	497	105	48	
27	1490.18	270,991	241	32	0	61	51	105	304	
28	1491.20	273,049	2,058	214	1,111	477	69	105	430	
Total				-12,499	540	41,927	1,034	55,133	2,345	1,478

1/ Values supplied by LADWP, not verified by DWR.

**Table 28. Governor Edmund G. Brown California Aqueduct**

Southern Field Division, Monthly Deliveries (West Branch)

(In acre-feet)

**February 2006**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		Structure			Table A	Rec.	Article 21	Local	Flexible Payback	
	No.	Structure	Mile								
29A	42	Oso Pumping Plant	1.49		47,540						
29F	W2	Quail Lake	5.02	Antelope Valley-East Kern Water Agency	Re-moved						
		Quail Lake Embankment	7.82	Antelope Valley-East Kern Water Agency	Stub						
29G		Warne Power Plant	14.07		47,046						
29H	W3	Pyramid Lake		USFS Pyramid Recreation (T300)	0						
				United WA (T300)	0						
29J	W4	Pyramid Dam	17.10	California State Park Piru Fish (T300)	0						
		Castaic Power Plant	25.82	( 8,145 AF pumpback ) 2I	50,869						
30 1/	W5	Castaic Lake		California State Park Castaic Lake Recreation (T301)	23		23	53,084			
		Castaic Dam	31.47								
		Castaic Lake Outlet	31.55	MWDSC 78" & 132" (T302)	53,084						
				Castaic Lake WA 18", 24" & 54" (T303)	1,668						
				Castaic Lake WA Rio Vista T.P. (T304)	358						
				MWD-Ventura Co. WPD (T302)	0						
					0						
				Releases to Lagoon	2,345						
				Reach 30 Subtotal:	55,133	2,026	23	53,084	0	0	
	W6	Castaic Lagoon		California State Park Recreation to Lagoon (T353)	0						
		Castaic Lagoon Outlet	31.87		2,262						

1/ Reach 30 actually terminates at mile 31.50. It is shown here as including the outlet works at mile 31.55.

All deliveries from the outlet works and from the Lagoon are billed to Reach 30.

2/ Value Supplied by LADWP, not verified by DWR

**Table 29. Silverwood Lake**

Daily Operation

(in acre-feet except as noted)

Capacity: 74,970 ac-ft

**February 2006**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow				Computed Losses (-) And Gains (+)	Las Flores Ranch Exchange 1/
							Project		Del. To Mojave W.A.	Natural To Mojave River		
Jan 31	3350.67	70,809		Mojave Siphon Power-plant	Mojave Bypass Flume	Natural Stream Flow	Delivered to CLAWA	Rec.	San Bernardino Tunnel	Del. To Mojave W.A.	Natural To Mojave River	
1	3350.61	70,752	-57	2,843	0	11	3	0	2,874	0	1	-33
2	3350.22	70,384	-368	2,409	0	11	3	0	2,794	0	0	9
3	3350.05	70,223	-161	2,865	0	11	2	1	2,993	0	1	-40
4	3350.36	70,516	293	3,381	0	11	3	0	3,204	0	0	108
5	3350.67	70,809	293	3,599	0	11	3	0	3,322	0	1	9
6	3350.87	70,998	189	3,409	0	11	3	0	3,223	0	0	-5
7	3350.61	70,752	-246	3,190	0	11	2	0	3,480	0	1	36
8	3350.61	70,752	0	3,169	0	11	3	0	3,274	0	0	97
9	3350.45	70,601	-151	3,204	0	11	3	0	3,343	0	0	-20
10	3349.83	70,016	-585	2,929	0	11	3	0	3,506	0	1	-15
11	3349.86	70,045	29	3,371	0	11	3	0	3,369	0	1	20
12	3350.39	70,544	499	3,472	0	10	2	1	3,068	0	0	88
13	3350.25	70,412	-132	3,334	0	10	3	0	3,495	0	1	23
14	3350.25	70,412	0	3,443	0	10	3	0	3,340	0	0	-110
15	3349.86	70,045	-367	2,927	0	15	3	0	3,356	0	0	50
16	3349.83	70,016	-29	3,380	0	12	3	0	3,554	0	1	137
17	3349.94	70,120	104	3,501	0	11	3	0	3,392	0	0	-13
18	3350.25	70,412	292	3,605	0	15	3	0	3,306	0	1	-18
19	3350.87	70,998	586	3,777	0	25	3	0	3,287	0	1	75
20	3351.51	71,606	608	3,408	0	19	3	0	2,895	0	1	80
21	3352.02	72,092	486	3,269	0	16	3	0	2,782	0	1	-13
22	3352.19	72,255	163	3,242	0	15	3	0	3,130	0	0	39
23	3352.16	72,226	-29	2,948	0	15	2	1	2,955	0	0	-34
24	3351.57	71,663	-563	2,879	0	14	2	0	3,566	0	1	113
25	3350.87	70,998	-665	2,879	0	13	2	0	3,426	0	0	-129
26	3351.20	71,311	313	3,506	0	14	2	0	3,291	0	0	86
27	3351.37	71,473	162	3,296	0	39	2	0	3,435	0	14	278
28	3352.38	72,436	963	3,613	0	935	2	0	3,240	0	342	-1
<b>Total</b>				1,627	90,848	0	1,309	74	3	90,900	0	369
												816
												646

1/ Project water delivered from Mojave Siphon in exchange for like amount of Natural Streamflow.

**Table 30. Lake Perris**

Daily Operation

(in acre-feet except as noted)

Capacity: 131,452 ac-ft

**February 2006**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow 1/	Outflow 2/	Computed Losses (-) Gains (+) 1/
Jan 31	1558.41	66,065				
1	1558.27	65,816	-249		55	
2	1558.38	66,012	196		56	
3	1558.38	66,012	0		55	
4	1558.41	66,060	48		55	
5	1558.38	66,012	-48		56	
6	1558.49	66,207	195		55	
7	1558.27	65,816	-391		55	
8	1558.10	65,514	-302		65	
9	1558.21	65,709	195		85	
10	1558.19	65,674	-35		86	
11	1558.38	66,012	338		85	
12	1558.10	65,514	-498		85	
13	1558.05	65,426	-88		89	
14	1558.05	65,426	0		85	
15	1558.10	65,514	88		89	
16	1558.05	65,426	-88		85	
17	1557.97	65,284	-142		85	
18	1557.91	65,178	-106		84	
19	1557.91	65,178	0		84	
20	1557.83	65,036	-142		85	
21	1557.83	65,036	0		84	
22	1557.83	65,036	0		84	
23	1557.97	65,284	248		85	
24	1558.10	65,514	230		84	
25	1557.94	65,231	-283		85	
26	1558.13	65,567	336		84	
27	1558.13	65,567	0		84	
28	1558.21	65,709	142		85	
Total			-356	2,739	2,154	-941

1/ Readings are not taken on a daily basis. End of month only.

2/ Includes deliveries to MWD from Reach 28J and recreation water to California State Park at Lake Perris.

**Table 31. Governor Edmund G. Brown California Aqueduct**

Southern Field Division, Monthly Deliveries (East Branch)

(In acre-feet)

**February 2006**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending		Structure			Table A	Recreation	Article 21	Transfer	Local	Credit	
	No.	Structure	Mile									
17E	40	Edmonston Pumping Plant	293.45		145,240							
	41		298.65	KCWA Tej.-Cas	Stub							
17F		Check No. 41	303.41									
18A	42		304.99	AVEK WA-Temp for TEA construction (T389)	0							
		Check No. 42	304.99									
19	43	Alamo Powerplant	305.73	(Includes 93,925 AF of generation and 4,273 AF of flow down Cottonwood Chute)	98,198							
			308.05	AVEK 294th Street West (T267)	0							
		Check No. 43	309.70									
	44		311.84	LADWP Connection	0							
			313.50	AVEK 245th Street West (T269)	0							
	Check No. 44		314.81									
	45		314.93	AVEK 235th Street West (T270)	0							
			315.57	AVEK 225th Street West (T271)	0							
	Check No. 45		319.74									
	46		323.19	Antelope Valley-East Kern WA Fairmont (T272)	727		727	35	0	0	0	
				Mojave Water Agency Fairmont (T272)	35							
		Check No. 46	323.84									
				Reach 19 Total:	762							
20A	47	Check No. 47	326.77				37	2,940	14	3	2	
	48		326.91	Antelope Valley-East Kern WA Willow Springs (T273)	37							
			329.65	Antelope Valley-East Kern WA 120th Street West	Removed							
		Check No. 48	330.82									
	49	Check No. 49	335.93									
	50		336.73	Antelope Valley-East Kern WA Quartz Hill (T274)	2,940							
			339.68	Antelope Valley-East Kern WA Rancho Vista (T275)	14							
			340.92	AVEK WA-Temp (T387)	3							
	Check No. 50		341.51									
20B	51		342.06	AVEK WA-Temp (T386)	2							
	Check No. 51		342.07									
	52		342.95	Antelope Valley-East Kern WA 30th Street West (T414)	3							
	Check No. 52		343.74									
			348.14	Antelope Valley-East Kern WA Acton Treatment Plant (T277)	77							
21	Check No. 53		348.17				77	440	413	6	158	
	54	Check No. 54	350.25									
	55	Check No. 55	352.70									
	56	Check No. 56	354.76									
	57		354.97	AVEK WA-Delivered through Littlerock Creek ID (T278)	0							
22A			354.97	Palmdale WD (T276)	853							
			354.97	Palmdale WD (T391)	0							
Check No. 57		356.93										
58		357.60	AVEK 95th Street East (T279)	0								
		357.72	AVEK 96th Street East (T280)	6								
		359.76	AVEK East Side Treatment Plant (T281)	158								

**Table 31. Governor Edmund G. Brown California Aqueduct**

Southern Field Division, Monthly Deliveries (East Branch, Continued)

(In acre-feet)

**February 2006**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending		No.			Table A	Recreation	Article 21	Transfer	Local	Credit	
	No.	Structure	Mile									
22B	58	Pearblossom Pumping Plant	360.61		91,301	19	1,774	3	74	1/ 646	3/ 1	
	59	Check No. 59	366.09									
	60		366.50	AVEK Big Rock Siphon (T368)	0							
	Check No. 60	373.94										
	61	Check No. 61	379.00									
	62	Check No. 62	384.26									
	63		389.20	Mojave Water Agency White Road 24" & 42" (T282)	19							
	Check No. 63	395.10										
	64	Check No. 64	400.32									
	65		401.10	Mojave Water Agency Morongo 24" & 42" (T284)	1,774							
23	66	Check No. 66	403.41									
	Mojave Siphon	405.58		Las Flores Ranch Exchange	646							
24	Mojave Siphon Powerplant	405.65			90,848							
	Silverwood Lake		407.65	MWA CS DAM (T288)	0							
				California State Park Silverwood (T288)	3							
			407.70	Crestline-Lake Arrowhead WA Non-Project Water (T289)	74							
25	San Bernardino Intake Tunnel				90,900							
26A	Devil Canyon Powerplant	412.73			90,900							
	Devil Canyon Afterbay Control Structures			MWD-Rialto (T292)	0							
				MWD-Rialto (T293)	44,764							
				Desert Water Agency Transfer (T293)	0							
				Coachella Valley WD Transfer (T293)	0							
				MWD EBX-1 (T290)	1,207							
				MWD EBX-1 (T291)	11,053							
				East Branch Extension	2,080							
28G	Santa Ana Valley Pipeline	425.46										
28H		433.06		MWD-SC Box Springs (T295)	6,422							
		440.05		MWD-SC Perris Bypass Pipeline (T296)	23,104							
28J	Lake Perris	442.00		MWD-SC (T297)	153							
		443.44		MWD-SC 54" & 78" (T299)	2,001							
				Calif. State Park Lake Perris Recreation (T298)	0							
				MWD Total:	141,788	0	0	141,788	0	0	0	

1/ Project water delivered from Mojave Siphon in exchange for like amount of natural stream flow.

2/ Includes 0 AF to San Gabriel Valley MWD, 1,978 AF to San Bernardino Valley MWD, and 103 AF to San Gorgonio Pass WA.

3/ San Bernardino Valley MWD 1 AF of local water introduced, a credit of 1 AF applied.

**Table 32. Water Quality At Selected SWP Locations**

February 2006

Constituent	Units	Thermalito Afterbay At Outlet	North Bay Aqueduct Barker Slough Pumping Plant	Banks Pumping Plant	Delta Mendota Canal At McCabe Rd.	California Aqueduct				Devil Canyon Afterbay Near San Bernardino
						O'Neill Forebay Outlet (Check 13)	Kettleman City (Check 21)	Near Hwy 119 (Check 29)	Tehachapi Afterbay (Check 41)	
Alkalinity	mg/l as CaCO <sub>3</sub>	33	111	54	54	54	53	54	52	53
Antimony	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NR	NR
Arsenic	mg/l	<0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Beryllium	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Boron	mg/l	<0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Bromide	mg/l	<0.01	0.06	0.12	0.12	0.13	0.12	0.12	0.12	0.16
Calcium	mg/l	7	18	18	18	19	19	18	19	17
Carbon - Dissolved Organic	mg/l as C	NR	11	4	4	4	4	4	4	3
Carbon - Total Organic	mg/l as C	NR	12	4	5	5	4	5	4	4
Chloride	mg/l	<1	42	42	44	45	46	46	47	54
Chromium	mg/l	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Copper	mg/l	0.001	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Fluoride	mg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Hardness	mg/l as CaCO <sub>3</sub>	30	111	82	82	85	85	82	85	80
Iron	mg/l	0.012	0.108	0.056	0.040	0.045	0.040	0.063	0.038	0.014
Lead	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Magnesium	mg/l	3	16	9	9	9	9	9	9	9
Manganese	mg/l	<0.005	0.060	0.017	0.007	0.010	<0.005	<0.005	<0.005	0.008
Nitrate + Nitrite	mg/l as N	0.04	0.13	0.84	NR	0.74	0.84	0.92	0.84	0.78
Phosphorus-Ortho	mg/l as P	<0.01	0.12	0.06	NR	0.05	0.06	<0.01	0.06	0.07
Phosphorus-Total	mg/l	0.01	0.26	0.10	NR	0.12	0.08	0.10	0.10	0.08
Selenium	mg/l	<0.001	<0.001	0.001	0.001	0.001	<0.001	0.001	0.001	<0.001
Sodium	mg/l	3	44	34	34	36	37	35	38	39
Specific Conductance	µS/cm	74	425	333	356	353	363	361	365	368
Sulfate	mg/l	2	33	42	44	44	45	45	47	35
Total Dissolved Solids	mg/l	50	244	194	201	209	207	203	210	219
Turbidity	NTU	9	29	7	13	14	8	8	8	2
Zinc	mg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

mg/l milligrams per liter

µg/l micrograms per liter

µS/cm microSiemens per centimeter

NR - Not Reported

NTU - nephelometric turbidity units

**Table 33. Water Quality At Selected Delta Stations**

**February 2006**

Date	Antioch Tides (feet above mean sea level)		Flow In CFS		Electrical Conductivity in milliSiemens/cm										Cl in mg/l
			Net Delta Outflow Index		Rio Vista	Antioch	Chipps Island	Emmaton		Jersey Point		Clifton Court	Cache Slough	Delta Mendota Canal	
	Highest High Tide	Actual High Half Tide	Mean Daily	Monthly Average				md	md	md	14dm	md	14dm	md	md
1	2.57	0.70	27,826	27,826	26,835	0.33	0.29	0.22	0.26	0.28	0.29	0.39	0.81	0.49	53
2	2.76	0.81	31,728	29,777	24,993	0.32	0.33	0.20	0.25	0.29	0.29	0.39	0.85	0.52	47
3	3.14	1.09	29,268	29,607	23,172	0.31	0.36	0.21	0.25	0.28	0.29	0.53	0.88	0.52	53
4	3.42	1.23	27,032	28,964	21,718	0.30	0.51	0.22	0.25	0.28	0.29	0.51	0.89	0.66	53
5	3.72	1.47	23,527	27,876	20,506	0.30	0.72	0.22	0.25	0.28	0.29	0.49	0.90	0.66	45
6	3.86	1.55	20,480	26,643	19,540	0.30	0.75	0.23	0.25	0.27	0.29	0.52	0.89	0.68	47
7	3.82	1.43	17,453	25,331	18,595	0.31	0.67	0.24	0.25	0.27	0.29	0.49	0.91	0.59	42
8	3.58	1.25	15,623	24,117	17,794	0.31	0.61	0.25	0.25	0.27	0.29	0.48	0.91	0.58	45
9	3.33	1.08	13,758	22,966	17,369	0.31	0.55	0.25	0.24	0.27	0.28	0.48	0.90	0.59	40
10	3.15	1.03	13,768	22,046	17,048	0.31	0.53	0.26	0.24	0.27	0.28	0.47	0.91	0.60	46
11	3.01	1.16	16,346	21,528	19,404	0.33	0.55	0.26	0.24	0.28	0.28	0.46	0.92	0.60	45
12	2.87	1.17	17,601	21,201	20,425	0.33	0.47	0.26	0.24	0.28	0.28	0.47	0.91	0.62	48
13	2.81	1.02	15,969	20,798	18,592	0.32	0.42	0.25	0.24	0.28	0.28	0.47	0.89	0.62	46
14	2.89	0.94	13,298	20,263	16,417	0.32	0.41	0.24	0.24	0.28	0.28	0.46	0.90	0.59	48
15	3.03	1.06	13,684	19,824	15,214	0.33	0.48	0.23	0.24	0.28	0.28	0.42	0.91	0.61	46
16	3.17	1.32	17,891	19,703	16,057	0.33	0.59	0.24	0.24	0.29	0.28	0.46	0.42	0.60	46
17	3.16	1.38	20,652	19,759	17,167	0.32	0.69	0.24	0.24	0.29	0.28	0.42	0.41	0.63	44
18	3.54	1.72	24,027	19,996	18,274	0.33	1.26	0.25	0.24	0.29	0.28	0.42	0.49	0.60	47
19	3.54	1.83	25,858	20,305	18,518	0.34	1.43	0.26	0.25	0.30	0.28	0.43	0.43	0.00	46
20	3.62	1.88	25,588	20,569	18,012	0.36	1.62	0.27	0.25	0.29	0.28	0.44	0.35	0.00	47
21	3.60	1.77	23,460	20,707	17,619	0.35	1.10	0.27	0.25	0.29	0.28	0.45	0.36	0.00	49
22	3.80	1.93	28,843	21,076	22,149	0.35	0.90	0.27	0.25	0.29	0.28	0.44	0.37	0.45	52
23	3.60	1.80	34,788	21,673	26,777	0.33	0.46	0.27	0.26	0.29	0.29	0.45	0.53	0.48	56
24	3.30	1.57	33,152	22,151	27,897	0.32	0.30	0.25	0.25	0.28	0.29	0.47	0.65	0.51	58
25	3.03	1.38	30,475	22,484	25,982	0.31	0.25	0.22	0.25	0.29	0.29	0.50	0.73	0.53	63
26	2.86	1.41	29,041	22,736	25,023	0.31	0.23	0.22	0.25	0.29	0.29	0.40	0.77	0.54	60
27	2.90	1.38	27,068	22,897	24,062	0.30	0.21	0.22	0.25	0.29	0.29	0.49	0.81	0.56	65
28	3.12	1.37	31,674	23,210	24,160	0.30	0.20	0.23	0.25	0.29	0.29	0.54	0.68	0.55	64

Clifton Court Cl(mg/l)=200X EC - 25

e = Estimated

N.R. = No Record.

N.C. = Not computed due to insufficient data.

f = Excess Delta conditions with fish concerns.

r = Excess delta conditions with export/inflow ratio concerns.

s = Balanced water conditions with storage withdrawals.

dm = Daily Mean

md = Mean Daily

**Table 34. Pesticides, Herbicides, and Other Organic Substances Detected In the SWP**

**February 2006**

Sampling Location	Sample Date 1/	Chemical Detected	Concentration µg/l 2/
North Bay Aqueduct At Barker Slough Pumping Plant	September 15, 2005	None Detected	
California Aqueduct At Banks Pumping Plant	September 15, 2005	2,4-D	0.20
O'Niell Forebay Outlet Check 13	September 15, 2005	2,4-D	0.10
Delta Mendota Canal At McCabe Road	September 15, 2005	2,4-D	0.30
California Aqueduct Near Kettleman City (Check 21)	September 15, 2005	2,4-D	0.20
California Aqueduct At Near Highway 119 (Check 29)	September 15, 2005	2,4-D	0.10
California Aqueduct at Devil Canyon Headworks	September 15, 2005	2,4-D	0.10
California Aqueduct At Tehachapi Afterbay (Check 41)	September 15, 2005	None Detected	

1/ Locations are normally sampled during March, June, and September. Monthly reports will include data for the month in which samples were most recently taken.

2/ Micrograms per liter.

**Table 35. Oroville and Delta Field Divisions Energy Data**

(in kWh)

**February 2006**

Date	Oroville Thermalito Complex		Barker Slough Pumping Plant	Cordelia Pumping Plant Load	Banks Pumping Plant		South Bay Pumping Plant Load	Del Valle Pumping Plant Load
	Generation	Load			Total Load	SWP Load		
1	16,661,420	0	3,620	9,000	1,457,060	1,457,060	105,490	810
2	17,526,600	0	3,990	10,370	2,357,550	2,357,550	113,780	810
3	17,202,690	0	3,690	8,440	2,190,000	2,190,000	118,500	810
4	17,537,430	0	3,440	9,160	2,205,310	2,205,310	131,420	810
5	17,101,260	0	2,900	8,090	2,570,950	2,570,950	129,190	810
6	17,192,020	0	4,440	9,200	2,350,150	2,350,150	94,850	810
7	14,222,080	0	3,200	8,740	1,723,010	1,723,010	80,080	810
8	14,119,260	0	3,820	9,030	2,341,700	2,341,700	79,640	820
9	13,310,100	0	3,770	9,540	2,344,180	2,344,180	79,940	820
10	13,899,360	0	3,760	9,160	2,588,570	2,588,570	149,030	810
11	12,335,440	0	3,010	9,330	2,589,940	2,589,940	180,100	810
12	8,198,300	0	4,320	8,750	2,630,480	2,630,480	179,930	800
13	8,803,540	0	3,130	8,230	2,194,020	2,194,020	179,310	810
14	3,940,330	2,020	3,390	9,400	2,491,390	2,491,390	185,870	810
15	4,223,050	60	3,880	9,300	2,965,060	2,965,060	188,410	810
16	8,406,960	5,590	3,550	9,330	3,982,560	3,982,560	188,130	850
17	4,417,890	9,160	3,380	8,480	3,319,680	3,319,680	202,610	840
18	2,703,660	9,980	4,410	10,370	3,305,630	3,305,630	214,980	810
19	2,402,240	11,470	3,620	8,920	3,306,900	3,306,900	217,920	810
20	5,783,490	7,550	3,650	7,730	3,302,050	3,302,050	212,400	810
21	3,564,430	6,520	2,690	8,140	3,329,120	3,329,120	201,250	810
22	3,262,260	8,470	2,830	7,680	3,517,940	3,517,940	197,660	850
23	2,309,330	9,800	4,960	10,250	3,057,500	3,057,500	222,520	820
24	4,529,590	7,900	3,990	9,910	3,332,990	3,332,990	183,910	810
25	4,064,490	2,940	3,960	10,180	3,329,220	3,329,220	175,740	810
26	4,278,780	6,580	3,210	9,030	3,215,000	3,215,000	184,540	810
27	8,470,020	7,370	3,930	9,100	2,172,650	2,172,650	173,690	850
28	12,871,590	0	3,550	8,830	948,580	948,580	151,760	820
Total	263,337,610	95,410	102,090	253,690	75,119,190	75,119,190	4,522,650	22,860

**Table 36. San Luis Field Division Energy Data**

(in kWh)

**February 2006**

Date	Dos Amigos Pumping Plant		Gianelli Pumping-Generating Plant			
	Total Load	SWP Load 1/	Total Generation	SWP Generation 1/	Total Load	SWP Load 1/
1	1,542,380	918,380	0	0	22,330	22,330
2	1,688,750	1,064,750	0	0	22,070	22,070
3	1,717,270	1,093,270	0	0	21,970	21,970
4	1,737,680	1,113,680	0	0	22,200	22,200
5	1,912,220	1,288,220	0	0	21,670	21,670
6	1,736,320	1,112,320	0	0	30,330	30,330
7	1,716,150	1,092,150	0	0	29,220	29,220
8	1,742,830	1,118,830	3,290	3,290	33,520	33,520
9	1,632,600	1,008,600	0	0	25,210	25,210
10	1,672,330	1,048,330	0	0	34,060	34,060
11	1,674,820	1,050,820	0	0	21,250	21,250
12	2,066,060	1,562,060	0	0	21,330	21,330
13	1,456,730	960,730	0	0	21,240	21,240
14	1,730,720	1,234,720	0	0	21,400	21,400
15	1,752,290	1,256,290	0	0	21,550	21,550
16	2,101,270	1,717,270	0	0	21,860	21,860
17	2,035,470	1,651,470	0	0	22,980	22,980
18	1,954,770	1,570,770	0	0	23,050	23,050
19	1,960,160	1,576,160	0	0	22,690	22,690
20	1,739,270	1,355,270	0	0	22,450	22,450
21	1,810,040	1,426,040	0	0	22,650	22,650
22	1,767,820	1,383,820	0	0	22,590	22,590
23	1,797,430	1,413,430	0	0	22,540	22,540
24	1,777,260	1,393,260	305,970	305,970	21,790	21,790
25	1,841,160	1,457,160	0	0	20,890	20,890
26	2,066,510	1,682,510	0	0	21,370	21,370
27	1,528,750	1,144,750	0	0	22,500	22,500
28	1,340,910	956,910	0	0	23,120	23,120
Total	49,499,970	35,651,970	309,260	309,260	659,830	659,830

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

**Table 37. San Joaquin Field Division Pumping Plant Energy Load Data**

(in kWh)

**February 2006**

Date	Coastal Branch					California Aqueduct			
	Las Perillas	Badger Hill	Devil's Den	Bluestone	Polonio	Buena Vista	Teerink	Chrisman	Edmonston
1	14,650	37,790	44,460	41,580	45,570	1,265,990	1,383,700	3,015,840	11,052,640
2	14,670	39,040	48,040	45,810	48,820	1,137,350	1,252,880	2,767,820	10,080,340
3	13,540	36,640	37,830	35,920	37,600	1,208,100	1,390,220	3,083,610	11,434,690
4	12,260	32,370	49,590	46,930	49,750	1,503,760	1,639,670	3,650,670	13,560,990
5	12,260	32,690	58,340	54,960	60,310	1,645,970	1,801,120	4,034,890	14,839,200
6	8,630	21,580	36,900	35,190	38,000	1,331,620	1,487,920	3,326,470	12,573,630
7	12,420	32,790	44,270	41,650	45,030	1,399,000	1,542,130	3,414,070	12,581,730
8	15,360	39,550	33,880	31,380	35,450	1,271,800	1,353,430	2,973,980	10,887,910
9	17,740	47,540	54,950	52,560	55,700	1,073,890	1,201,940	2,613,940	9,813,990
10	22,290	60,200	65,920	63,790	64,880	1,196,010	1,291,610	2,887,810	10,457,530
11	18,420	49,180	43,490	41,370	45,270	1,207,440	1,362,110	3,003,110	11,040,250
12	17,470	47,100	53,480	49,240	54,100	1,719,320	1,908,560	4,288,300	15,997,660
13	13,150	33,780	36,100	34,790	37,000	1,171,420	1,318,370	2,874,770	10,750,540
14	13,960	36,540	60,420	58,450	60,890	1,225,390	1,353,650	2,984,910	10,983,170
15	24,450	61,370	65,020	62,730	66,780	1,202,760	1,272,910	2,787,850	10,274,070
16	21,120	55,080	61,180	58,540	61,680	1,306,380	1,401,020	3,045,630	11,132,860
17	18,300	48,500	54,200	52,110	54,960	1,378,900	1,482,810	3,242,000	11,821,570
18	15,090	41,510	46,510	44,240	47,000	1,313,420	1,433,010	3,176,980	11,811,230
19	13,200	32,880	64,950	61,620	65,950	1,670,240	1,851,800	4,143,260	15,756,310
20	10,850	28,910	39,130	36,810	39,970	1,154,290	1,244,520	2,733,910	9,978,090
21	9,250	22,830	37,840	36,150	39,690	1,202,110	1,349,690	3,003,730	10,986,980
22	13,340	35,660	37,120	34,610	37,410	1,257,450	1,409,920	3,014,170	10,987,570
23	13,860	37,490	35,360	33,580	37,020	1,193,860	1,244,960	2,703,780	10,031,660
24	13,470	34,680	42,100	40,230	43,540	1,118,360	1,204,500	2,629,810	9,660,250
25	13,810	36,060	47,490	44,860	48,350	1,137,220	1,228,640	2,684,310	9,734,010
26	11,990	31,970	51,360	48,530	52,110	1,855,500	2,053,670	4,598,400	17,451,580
27	6,490	15,670	42,590	40,370	44,180	1,207,220	1,321,970	2,934,440	10,793,550
28	8,180	21,570	32,840	31,230	34,160	1,442,520	1,500,750	3,341,000	12,239,940
Total	400,220	1,050,970	1,325,360	1,259,230	1,351,170	36,797,290	40,287,480	88,959,460	328,713,940

**Table 38. Southern Field Division Energy Data**

(in kWh)

**February 2006**

Date	West Branch			East Branch				East Branch Extension		
	Oso Pumping Plant Load	Warne Powerplant Generation	Castaic Powerplant SWP Generation /1	Alamo Powerplant Generation	Pearblossom Pumping Plant Load	Devil Canyon Powerplant Generation	Mojave Siphon Powerplant Generation	Green Spot Pumping Plant	Crafton Hills Pumping Plant	Cherry Valley Pumping Plant
1	503,673	1,299,110	2,040,000	356,606	1,912,542	3,502,087	224,792	3,644	5,000	1,013
2	460,139	1,251,630	2,040,000	322,360	1,527,886	3,427,957	192,751	2,809	2,877	1,004
3	554,178	1,245,250	2,040,000	349,199	1,996,859	3,640,852	223,141	658	476	403
4	588,713	1,061,160	2,040,000	418,859	2,338,923	3,862,006	263,153	570	476	413
5	712,119	1,054,730	2,040,000	413,083	2,434,516	4,001,800	280,192	629	486	431
6	526,673	1,249,270	2,040,000	415,605	2,249,781	3,897,112	265,754	12,208	14,595	807
7	526,347	1,249,700	2,040,000	418,839	2,229,741	4,191,752	244,521	1,365	486	900
8	343,584	1,060,820	1,560,000	407,941	2,080,997	3,944,858	244,680	17,570	21,927	1,032
9	341,624	924,840	1,560,000	357,199	2,058,903	4,001,642	257,407	17,158	21,947	966
10	272,406	925,510	1,560,000	401,780	2,159,511	4,206,507	232,793	17,668	22,016	966
11	409,248	920,520	1,560,000	379,777	2,222,253	4,029,341	271,974	1,424	496	413
12	698,911	921,300	1,560,000	424,318	2,507,996	3,731,606	277,462	1,404	496	422
13	351,277	925,890	1,560,000	386,679	2,137,069	4,190,941	267,979	17,875	22,492	1,557
14	351,545	927,060	1,560,000	390,773	2,245,992	4,025,287	275,860	1,355	506	1,304
15	351,871	923,480	1,560,000	360,483	2,005,334	3,992,781	227,996	17,374	22,393	1,501
16	296,416	924,410	1,560,000	417,098	2,237,657	4,246,618	273,497	1,454	585	938
17	384,644	922,290	1,560,000	411,739	2,433,121	4,086,966	282,941	16,834	21,798	1,463
18	342,683	927,030	1,560,000	425,722	2,435,155	3,989,666	291,426	1,532	625	375
19	670,614	925,890	1,560,000	426,642	2,711,077	3,966,861	296,064	1,571	714	375
20	368,040	924,010	1,560,000	351,078	2,096,680	3,529,608	268,908	1,621	823	385
21	346,911	924,750	1,560,000	390,843	2,227,408	3,384,227	253,481	1,562	804	1,651
22	347,208	924,230	1,560,000	387,104	2,178,883	3,784,326	249,080	15,743	19,724	1,660
23	348,337	925,950	1,560,000	343,226	1,959,013	3,576,157	233,347	1,395	496	1,594
24	345,693	925,940	1,560,000	328,877	1,942,911	4,272,547	228,639	17,776	22,701	1,623
25	347,525	925,070	1,560,000	329,371	1,927,049	4,072,073	229,826	1,385	556	366
26	797,574	928,420	1,560,000	427,383	2,577,338	3,972,191	274,990	1,346	556	403
27	317,218	927,440	1,320,000	390,665	2,250,130	4,114,933	262,421	1,326	516	882
28	621,644	298,810	1,320,000	337,708	2,326,849	3,923,616	281,883	1,326	476	385
Total	12,526,812	27,344,510	46,560,000	10,770,955	61,411,575	109,566,317	7,176,958	178,580	207,044	25,230

1/ Energy delivered to SWP by LADWP at Sylmar substation; not necessarily related to actual Castaic operations.